

Slope - Two points - Fractions

Find the value of x so it matches given slope:

1) $\left(-\frac{3}{4}, \frac{3}{2}\right)$ and $(x, -1)$; slope: $-\frac{10}{7}$

2) $\left(-\frac{1}{2}, -\frac{6}{5}\right)$ and $\left(x, \frac{3}{5}\right)$; slope: $\frac{9}{5}$

3) $\left(1\frac{1}{4}, 2\frac{1}{4}\right)$ and $\left(x, 1\frac{1}{2}\right)$; slope: $\frac{1}{7}$

4) $\left(-\frac{9}{5}, -1\right)$ and $(x, 5)$; slope: 120

5) $\left(x, -\frac{3}{4}\right)$ and $\left(-1\frac{2}{3}, 2\right)$; slope: $-\frac{33}{8}$

6) $\left(\frac{1}{2}, \frac{3}{2}\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $\frac{6}{5}$

7) $\left(1\frac{1}{2}, \frac{1}{2}\right)$ and $\left(x, -2\frac{1}{3}\right)$; slope: $\frac{17}{6}$

8) $\left(x, \frac{5}{3}\right)$ and $\left(1, -1\frac{1}{3}\right)$; slope: -9

9) $\left(x, \frac{2}{5}\right)$ and $\left(2, \frac{3}{2}\right)$; slope: $\frac{1}{5}$

10) $\left(x, \frac{2}{3}\right)$ and $(-1, -2)$; slope: $-\frac{8}{5}$

11) $(x, 0)$ and $\left(\frac{1}{3}, -1\frac{1}{2}\right)$; slope: $\frac{9}{7}$

12) $(2, 1)$ and $\left(x, 1\frac{2}{3}\right)$; slope: $-\frac{1}{9}$

13) $\left(x, -2\frac{1}{2}\right)$ and $\left(-3\frac{2}{5}, \frac{1}{2}\right)$; slope: $-\frac{5}{9}$

14) $\left(x, \frac{2}{3}\right)$ and $\left(-\frac{1}{2}, -1\right)$; slope: $-\frac{10}{7}$

15) $\left(x, -\frac{2}{3}\right)$ and $\left(\frac{3}{2}, 1\frac{2}{3}\right)$; slope: $-\frac{14}{5}$

16) $\left(-2\frac{1}{5}, \frac{1}{2}\right)$ and $\left(x, -3\frac{1}{4}\right)$; slope: $-\frac{75}{4}$

17) $(x, 2)$ and $\left(-1, \frac{1}{2}\right)$; slope: $-\frac{3}{2}$

18) $\left(\frac{5}{3}, 0\right)$ and $(x, -2)$; slope: $\frac{12}{7}$

19) $\left(x, -3\frac{3}{4}\right)$ and $\left(4, -1\frac{3}{4}\right)$; slope: $\frac{2}{5}$

20) $\left(x, \frac{5}{4}\right)$ and $\left(2\frac{1}{3}, 2\frac{1}{2}\right)$; slope: $\frac{5}{4}$

21) $(x, -5)$ and $\left(2\frac{1}{2}, \frac{2}{3}\right)$; slope: $\frac{34}{3}$

22) $\left(-2\frac{1}{4}, 2\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: $-\frac{56}{3}$

23) $\left(x, \frac{9}{5}\right)$ and $\left(1, \frac{2}{5}\right)$; slope: $-\frac{21}{5}$

24) $\left(-\frac{4}{5}, -3\frac{1}{4}\right)$ and $\left(x, -1\frac{3}{4}\right)$; slope: $-\frac{15}{2}$

25) $(x, 2)$ and $\left(1\frac{3}{4}, \frac{1}{2}\right)$; slope: -3

26) $\left(x, -\frac{5}{3}\right)$ and $(-1, 2)$; slope: $\frac{11}{7}$

27) $\left(x, 1\frac{1}{4}\right)$ and $\left(-2\frac{3}{4}, \frac{1}{2}\right)$; slope: $\frac{15}{7}$

28) $\left(x, \frac{3}{4}\right)$ and $\left(-2\frac{1}{3}, \frac{3}{2}\right)$; slope: $-\frac{9}{10}$

29) $(x, 1)$ and $\left(-\frac{3}{4}, -2\frac{1}{2}\right)$; slope: -14

30) $\left(1, \frac{3}{2}\right)$ and $(x, -1)$; slope: $\frac{5}{6}$

31) $(x, -1)$ and $\left(-1, \frac{1}{3}\right)$; slope: $-\frac{8}{9}$

32) $\left(-2, -\frac{2}{3}\right)$ and $\left(x, \frac{1}{3}\right)$; slope: $-\frac{5}{9}$

33) $(x, 2)$ and $\left(2\frac{1}{5}, 1\right)$; slope: -5

34) $\left(-2\frac{2}{5}, -\frac{7}{4}\right)$ and $(x, 3)$; slope: $-\frac{15}{4}$

35) $(x, 0)$ and $\left(-1\frac{3}{4}, -2\frac{1}{4}\right)$; slope: $\frac{27}{5}$

36) $\left(x, \frac{1}{2}\right)$ and $\left(1\frac{1}{3}, -2\frac{2}{3}\right)$; slope: $-\frac{19}{6}$

37) $\left(x, \frac{1}{3}\right)$ and $\left(-\frac{3}{2}, \frac{4}{3}\right)$; slope: -2

38) $\left(1, -3\frac{2}{3}\right)$ and $(x, 2)$; slope: $-\frac{17}{10}$

39) $(-1, 1)$ and $\left(x, -2\frac{3}{4}\right)$; slope: $-\frac{15}{4}$

40) $\left(-2, \frac{3}{2}\right)$ and $\left(x, -3\frac{3}{4}\right)$; slope: $-\frac{3}{2}$

41) $\left(x, \frac{1}{4}\right)$ and $\left(\frac{1}{3}, -\frac{7}{4}\right)$; slope: $-\frac{12}{5}$

42) $\left(-\frac{5}{3}, \frac{2}{3}\right)$ and $\left(x, \frac{4}{5}\right)$; slope: $\frac{1}{10}$

43) $\left(x, -3\frac{3}{4}\right)$ and $\left(\frac{1}{3}, 2\right)$; slope: $\frac{23}{4}$

44) $(-1, -3)$ and $\left(x, \frac{4}{3}\right)$; slope: $\frac{26}{9}$

45) $\left(-1\frac{1}{3}, 1\frac{1}{3}\right)$ and $\left(x, -2\frac{1}{2}\right)$; slope: $\frac{46}{5}$

46) $\left(x, -\frac{2}{5}\right)$ and $\left(-\frac{1}{2}, \frac{3}{5}\right)$; slope: $-\frac{2}{5}$

47) $\left(x, -1\frac{1}{5}\right)$ and $(1, 2)$; slope: $-\frac{16}{5}$

48) $\left(-\frac{3}{4}, \frac{3}{4}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{2}{7}$

49) $\left(x, \frac{1}{4}\right)$ and $\left(\frac{1}{2}, 0\right)$; slope: $-\frac{1}{8}$

50) $\left(x, \frac{3}{5}\right)$ and $\left(\frac{1}{5}, -2\right)$; slope: $\frac{39}{7}$

51) $(0, 5)$ and $\left(x, -2\frac{1}{2}\right)$; slope: $-\frac{9}{2}$

52) $\left(-\frac{1}{2}, -\frac{3}{2}\right)$ and $\left(x, 1\frac{1}{3}\right)$; slope: $-\frac{17}{6}$

53) $\left(x, \frac{4}{5}\right)$ and $\left(\frac{3}{2}, -2\right)$; slope: $\frac{28}{9}$

54) $\left(2\frac{1}{3}, -3\frac{1}{3}\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: $-\frac{5}{3}$

55) $\left(-\frac{1}{2}, 0\right)$ and $(x, 1)$; slope: $-\frac{2}{9}$

56) $\left(x, 2\frac{3}{4}\right)$ and $\left(-\frac{1}{3}, 1\right)$; slope: $\frac{21}{10}$

57) $\left(-1\frac{2}{3}, -2\right)$ and $\left(x, 2\frac{2}{5}\right)$; slope: $\frac{33}{10}$

58) $\left(\frac{5}{3}, -2\frac{1}{3}\right)$ and $(x, -1)$; slope: 4

59) $\left(x, -3\frac{1}{2}\right)$ and $\left(-2, -2\frac{4}{5}\right)$; slope: $-\frac{7}{5}$

60) $\left(1, \frac{2}{5}\right)$ and $\left(x, -1\frac{3}{4}\right)$; slope: $-\frac{43}{10}$

61) $\left(x, \frac{2}{5}\right)$ and $(-2, -2)$; slope: -2

62) $\left(\frac{1}{3}, 3\right)$ and $\left(x, -3\frac{4}{5}\right)$; slope: 51

63) $\left(-1, -1\frac{3}{4}\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: $\frac{1}{8}$

64) $(3, -1)$ and $\left(x, 1\frac{1}{2}\right)$; slope: $-\frac{5}{4}$

65) $\left(x, -\frac{1}{2}\right)$ and $\left(-\frac{8}{5}, 1\frac{1}{5}\right)$; slope: $\frac{17}{6}$

66) $(x, 0)$ and $\left(\frac{1}{2}, 1\frac{3}{4}\right)$; slope: $-\frac{7}{4}$

67) $\left(2\frac{1}{4}, -5\right)$ and $\left(x, -1\frac{1}{3}\right)$; slope: $-\frac{44}{7}$

68) $(x, -1)$ and $\left(2\frac{1}{2}, \frac{1}{3}\right)$; slope: $\frac{2}{3}$

69) $\left(x, -3\frac{1}{2}\right)$ and $\left(-1\frac{3}{4}, -2\frac{2}{5}\right)$; slope: $-\frac{22}{5}$

70) $\left(x, \frac{7}{5}\right)$ and $\left(\frac{2}{5}, 2\frac{1}{5}\right)$; slope: $-\frac{4}{3}$

71) $\left(x, -2\frac{1}{2}\right)$ and $\left(-\frac{1}{3}, \frac{1}{2}\right)$; slope: $-\frac{18}{5}$

72) $\left(-2\frac{2}{5}, -1\frac{1}{2}\right)$ and $\left(x, -\frac{2}{3}\right)$; slope: $-\frac{25}{3}$

73) $\left(-2, 1\frac{1}{2}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{4}{3}$

74) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{4}, 2\frac{1}{4}\right)$; slope: -3

75) $\left(x, 2\frac{1}{2}\right)$ and $(-2, 2)$; slope: $\frac{2}{9}$

76) $\left(x, 2\frac{2}{3}\right)$ and $\left(-3\frac{1}{2}, -2\frac{1}{3}\right)$; slope: -10

77) $(x, -1)$ and $\left(\frac{1}{3}, 0\right)$; slope: $-\frac{6}{7}$

78) $\left(-\frac{1}{2}, -3\frac{1}{2}\right)$ and $(x, -2)$; slope: $\frac{1}{2}$

79) $\left(-\frac{1}{3}, 0\right)$ and $\left(x, \frac{2}{3}\right)$; slope: $-\frac{1}{4}$

80) $\left(\frac{3}{4}, 2\right)$ and $\left(x, -3\frac{1}{2}\right)$; slope: $\frac{110}{3}$

81) $\left(x, \frac{1}{2}\right)$ and $\left(-\frac{6}{5}, \frac{2}{5}\right)$; slope: $-\frac{1}{8}$

82) $\left(-3\frac{4}{5}, \frac{1}{3}\right)$ and $\left(x, 2\frac{1}{5}\right)$; slope: $\frac{14}{9}$

83) $(x, 1)$ and $\left(\frac{3}{2}, 2\right)$; slope: $\frac{2}{5}$

84) $\left(-\frac{6}{5}, -2\frac{1}{2}\right)$ and $\left(x, -1\frac{1}{2}\right)$; slope: -20

85) $\left(x, \frac{9}{5}\right)$ and $\left(-1, 1\frac{1}{2}\right)$; slope: $-\frac{1}{10}$

86) $\left(\frac{8}{5}, -2\right)$ and $(x, -4)$; slope: $\frac{5}{4}$

87) $\left(-\frac{1}{2}, -\frac{4}{5}\right)$ and $(x, 2)$; slope: $-\frac{14}{5}$

88) $\left(x, -3\frac{1}{2}\right)$ and $\left(-\frac{1}{4}, 1\frac{1}{2}\right)$; slope: 10

89) $\left(x, 1\frac{1}{4}\right)$ and $\left(2\frac{1}{4}, 2\frac{3}{4}\right)$; slope: $\frac{3}{7}$

90) $\left(-3\frac{1}{2}, \frac{1}{2}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{3}{2}$

91) $(x, -1)$ and $\left(-2\frac{1}{4}, 2\frac{1}{4}\right)$; slope: 13

92) $\left(-2, -\frac{8}{5}\right)$ and $\left(x, -2\frac{3}{5}\right)$; slope: -1

93) $\left(-1\frac{2}{5}, \frac{1}{2}\right)$ and $(x, -3)$; slope: $-\frac{7}{6}$

94) $\left(-1\frac{1}{2}, \frac{3}{2}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $-\frac{1}{3}$

95) $\left(-2, -\frac{1}{2}\right)$ and $\left(x, -3\frac{1}{3}\right)$; slope: $-\frac{17}{9}$

96) $\left(2, -2\frac{2}{5}\right)$ and $(x, -2)$; slope: $-\frac{4}{5}$

97) $\left(-\frac{9}{5}, -3\frac{3}{4}\right)$ and $\left(x, -\frac{3}{2}\right)$; slope: $\frac{9}{8}$

98) $(-2, 0)$ and $\left(x, 2\frac{3}{4}\right)$; slope: $\frac{33}{4}$

99) $\left(\frac{3}{4}, -1\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $\frac{14}{5}$

100) $\left(x, -\frac{4}{3}\right)$ and $\left(\frac{5}{4}, -1\right)$; slope: $\frac{1}{6}$

Find the value of y so it matches given slope:

101) $\left(-\frac{3}{2}, -1\right)$ and $\left(-\frac{5}{4}, y\right)$; slope: -10

102) $\left(-\frac{1}{2}, y\right)$ and $\left(-\frac{3}{2}, -1\right)$; slope: $\frac{15}{4}$

103) $\left(\frac{4}{5}, -\frac{2}{3}\right)$ and $\left(\frac{3}{5}, y\right)$; slope: $-\frac{34}{3}$

104) $\left(1, 2\frac{1}{3}\right)$ and $\left(\frac{2}{5}, y\right)$; slope: $\frac{59}{9}$

105) $\left(2\frac{2}{3}, -3\frac{3}{5}\right)$ and $\left(2\frac{3}{4}, y\right)$; slope: $\frac{316}{5}$

106) $\left(-\frac{2}{5}, -1\frac{1}{4}\right)$ and $\left(-2\frac{2}{3}, y\right)$; slope: $\frac{5}{8}$

107) $(-5, -2)$ and $\left(1\frac{3}{4}, y\right)$; slope: $-\frac{2}{9}$

108) $(-1, y)$ and $\left(-\frac{5}{3}, 0\right)$; slope: $\frac{9}{4}$

109) $\left(-1\frac{1}{2}, y\right)$ and $\left(-\frac{1}{2}, 2\frac{3}{4}\right)$; slope: $\frac{1}{2}$

110) $\left(-2\frac{1}{2}, y\right)$ and $\left(-1\frac{3}{4}, 1\frac{3}{4}\right)$; slope: $\frac{33}{5}$

111) $\left(\frac{2}{3}, y\right)$ and $\left(1\frac{1}{2}, 0\right)$; slope: $\frac{12}{5}$

112) $\left(\frac{1}{2}, \frac{5}{4}\right)$ and $(-1, y)$; slope: $\frac{5}{6}$

113) $\left(\frac{1}{4}, y\right)$ and $\left(1\frac{1}{2}, -3\frac{1}{2}\right)$; slope: $-\frac{8}{5}$

114) $\left(\frac{9}{5}, -\frac{5}{3}\right)$ and $\left(-\frac{6}{5}, y\right)$; slope: -1

115) $\left(-1\frac{1}{2}, y\right)$ and $\left(-2, -\frac{1}{5}\right)$; slope: $-\frac{13}{5}$

116) $(1, 5)$ and $\left(-2\frac{1}{2}, y\right)$; slope: 1

117) $\left(2\frac{3}{5}, 0\right)$ and $(2, y)$; slope: $\frac{8}{3}$

118) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{1}{5}, 1\frac{4}{5}\right)$; slope: $\frac{19}{6}$

119) $\left(-\frac{2}{5}, -1\right)$ and $\left(-\frac{9}{5}, y\right)$; slope: $-\frac{5}{2}$

120) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{4}{3}, -2\right)$; slope: $-\frac{24}{5}$

121) $\left(\frac{1}{2}, 1\frac{1}{2}\right)$ and $\left(\frac{3}{5}, y\right)$; slope: -35

122) $\left(\frac{3}{5}, -\frac{7}{4}\right)$ and $\left(\frac{3}{2}, y\right)$; slope: $\frac{10}{3}$

123) $\left(-\frac{1}{2}, -\frac{1}{5}\right)$ and $(-1, y)$; slope: $-\frac{17}{5}$

124) $\left(-\frac{1}{3}, y\right)$ and $\left(-2\frac{1}{3}, -2\right)$; slope: $\frac{6}{5}$

125) $\left(1\frac{1}{4}, -\frac{2}{3}\right)$ and $(0, y)$; slope: $-\frac{8}{5}$

126) $\left(1\frac{2}{5}, y\right)$ and $\left(\frac{1}{2}, 1\right)$; slope: $-\frac{10}{3}$

127) $\left(2\frac{1}{3}, y\right)$ and $\left(1\frac{2}{3}, -\frac{3}{2}\right)$; slope: $\frac{9}{4}$

128) $\left(-3\frac{1}{4}, -\frac{1}{2}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{1}{5}$

129) $(-3, 0)$ and $(2, y)$; slope: $\frac{9}{10}$

130) $\left(-2\frac{2}{3}, 0\right)$ and $\left(\frac{2}{3}, y\right)$; slope: $\frac{4}{5}$

131) $(0, 0)$ and $\left(\frac{4}{5}, y\right)$; slope: $-\frac{9}{2}$

132) $\left(\frac{3}{2}, y\right)$ and $\left(1\frac{1}{3}, 2\frac{1}{2}\right)$; slope: $-\frac{27}{5}$

133) $\left(-\frac{1}{2}, \frac{1}{2}\right)$ and $\left(-\frac{7}{5}, y\right)$; slope: $-\frac{35}{9}$

134) $\left(-\frac{1}{2}, y\right)$ and $\left(2, -1\frac{1}{2}\right)$; slope: $-\frac{17}{10}$

135) $\left(0, -3\frac{1}{2}\right)$ and $\left(-\frac{8}{5}, y\right)$; slope: $-\frac{5}{8}$

136) $(1, y)$ and $\left(2\frac{1}{2}, -2\right)$; slope: -1

137) $\left(-2, \frac{3}{5}\right)$ and $\left(-\frac{6}{5}, y\right)$; slope: -2

138) $\left(-1\frac{1}{3}, y\right)$ and $\left(-1\frac{1}{2}, -1\right)$; slope: $-\frac{36}{5}$

139) $\left(-1\frac{3}{4}, 1\frac{2}{5}\right)$ and $\left(-\frac{2}{5}, y\right)$; slope: $-\frac{7}{3}$

140) $\left(-2\frac{3}{4}, y\right)$ and $(-1, 2)$; slope: $\frac{22}{7}$

141) $\left(-2\frac{1}{3}, y\right)$ and $\left(-2, -2\frac{1}{2}\right)$; slope: $-\frac{33}{4}$

142) $\left(-2\frac{1}{4}, 1\right)$ and $\left(\frac{3}{2}, y\right)$; slope: $\frac{1}{5}$

143) $\left(2\frac{3}{4}, -\frac{1}{2}\right)$ and $(2, y)$; slope: $\frac{22}{9}$

144) $\left(\frac{3}{4}, y\right)$ and $(-1, -2)$; slope: $\frac{10}{7}$

145) $\left(-\frac{3}{4}, -2\frac{2}{3}\right)$ and $\left(-\frac{1}{4}, y\right)$; slope: $\frac{35}{6}$

146) $\left(\frac{3}{5}, y\right)$ and $\left(2, -\frac{1}{2}\right)$; slope: $-\frac{10}{7}$

147) $(1, y)$ and $\left(\frac{4}{5}, -\frac{3}{2}\right)$; slope: $-\frac{25}{4}$

148) $\left(\frac{3}{5}, 2\frac{1}{3}\right)$ and $\left(\frac{9}{5}, y\right)$; slope: $-\frac{5}{9}$

149) $\left(-\frac{3}{2}, y\right)$ and $(-1, -4)$; slope: -14

150) $\left(\frac{1}{2}, y\right)$ and $\left(1\frac{1}{5}, -1\right)$; slope: $\frac{2}{7}$

151) $\left(-\frac{7}{5}, y\right)$ and $\left(0, \frac{7}{4}\right)$; slope: $\frac{20}{7}$

152) $\left(-1\frac{1}{2}, \frac{5}{4}\right)$ and $(-3, y)$; slope: $\frac{7}{6}$

153) $\left(-1, -1\frac{1}{4}\right)$ and $(-2, y)$; slope: $-\frac{5}{2}$

154) $(2, y)$ and $\left(5\frac{1}{2}, 2\right)$; slope: $\frac{6}{7}$

155) $\left(-3\frac{1}{4}, y\right)$ and $\left(-2, 2\frac{1}{4}\right)$; slope: $\frac{7}{5}$

156) $\left(\frac{3}{4}, \frac{1}{2}\right)$ and $(0, y)$; slope: $\frac{10}{9}$

157) $\left(1\frac{1}{2}, y\right)$ and $\left(\frac{2}{5}, -\frac{4}{3}\right)$; slope: $-\frac{4}{3}$

158) $\left(-\frac{1}{4}, y\right)$ and $\left(0, -\frac{3}{2}\right)$; slope: -4

159) $\left(-3\frac{1}{2}, 0\right)$ and $\left(2\frac{4}{5}, y\right)$; slope: $-\frac{2}{7}$

160) $\left(\frac{3}{2}, y\right)$ and $\left(\frac{5}{4}, -\frac{3}{5}\right)$; slope: $\frac{12}{5}$

161) $\left(\frac{4}{5}, y\right)$ and $(0, 2)$; slope: $-\frac{19}{4}$

162) $\left(2\frac{2}{3}, -1\frac{2}{3}\right)$ and $(2, y)$; slope: -6

163) $\left(1, -2\frac{3}{5}\right)$ and $(0, y)$; slope: $-\frac{22}{5}$

164) $\left(0, 5\frac{1}{4}\right)$ and $\left(-\frac{1}{5}, y\right)$; slope: $\frac{85}{4}$

165) $(0, -1)$ and $\left(-\frac{1}{2}, y\right)$; slope: $-\frac{20}{3}$

166) $\left(-1, \frac{3}{2}\right)$ and $\left(-2\frac{1}{2}, y\right)$; slope: 2

167) $\left(\frac{1}{4}, y\right)$ and $\left(-\frac{4}{5}, -2\right)$; slope: $\frac{20}{7}$

168) $\left(\frac{1}{2}, y\right)$ and $\left(1\frac{1}{2}, \frac{9}{5}\right)$; slope: $\frac{24}{5}$

169) $\left(-\frac{2}{5}, y\right)$ and $\left(\frac{1}{2}, -3\frac{1}{2}\right)$; slope: $-\frac{59}{9}$

170) $\left(-2, -1\frac{1}{2}\right)$ and $(2, y)$; slope: $\frac{1}{8}$

171) $\left(\frac{1}{3}, y\right)$ and $\left(1\frac{1}{2}, -2\right)$; slope: $-\frac{24}{7}$

172) $\left(-1\frac{1}{3}, \frac{1}{3}\right)$ and $\left(-\frac{2}{5}, y\right)$; slope: $\frac{10}{7}$

173) $\left(-\frac{5}{3}, y\right)$ and $\left(-2\frac{1}{2}, 2\right)$; slope: $-\frac{9}{2}$

174) $\left(2\frac{1}{5}, -2\frac{3}{5}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: $-\frac{107}{9}$

175) $(4, y)$ and $\left(1\frac{1}{4}, \frac{1}{4}\right)$; slope: $-\frac{3}{5}$

176) $\left(-\frac{5}{4}, y\right)$ and $\left(-2, -1\frac{1}{3}\right)$; slope: $-\frac{8}{9}$

177) $\left(\frac{1}{2}, -\frac{8}{5}\right)$ and $(1, y)$; slope: $\frac{57}{10}$

178) $\left(-1\frac{1}{2}, y\right)$ and $\left(-1\frac{1}{4}, \frac{2}{3}\right)$; slope: $-\frac{16}{3}$

179) $\left(\frac{3}{5}, -2\right)$ and $\left(\frac{1}{2}, y\right)$; slope: -25

180) $(-2, -3)$ and $\left(-1\frac{1}{5}, y\right)$; slope: $\frac{19}{4}$

181) $\left(\frac{1}{5}, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{125}{9}$

182) $\left(-1\frac{3}{4}, y\right)$ and $\left(1\frac{1}{2}, 4\frac{1}{2}\right)$; slope: 2

183) $(-2, y)$ and $\left(-1\frac{3}{4}, -\frac{5}{4}\right)$; slope: $-\frac{21}{5}$

184) $(0, y)$ and $(-1, 4)$; slope: $-\frac{4}{3}$

185) $(2, y)$ and $\left(1, -1\frac{4}{5}\right)$; slope: $\frac{9}{5}$

186) $(0, y)$ and $(-1, -2)$; slope: $-\frac{3}{2}$

187) $(0, 0)$ and $\left(\frac{1}{3}, y\right)$; slope: $\frac{6}{5}$

188) $\left(2\frac{1}{2}, 2\frac{1}{4}\right)$ and $\left(\frac{1}{4}, y\right)$; slope: $\frac{1}{9}$

189) $\left(\frac{3}{5}, y\right)$ and $\left(-2, -\frac{8}{5}\right)$; slope: 1

190) $\left(\frac{1}{4}, -2\right)$ and $(2, y)$; slope: $\frac{6}{7}$

191) $(4, 1)$ and $(-\frac{6}{5}, y)$; slope: $\frac{5}{6}$

192) $(-1\frac{1}{2}, y)$ and $(-\frac{4}{3}, 2\frac{1}{2})$; slope: 23

193) $(\frac{1}{2}, -1)$ and $(\frac{3}{5}, y)$; slope: 14

194) $(1\frac{1}{3}, y)$ and $(\frac{3}{4}, \frac{1}{3})$; slope: -7

195) $(1\frac{2}{3}, y)$ and $(2\frac{1}{4}, -3\frac{1}{3})$; slope: $-\frac{16}{7}$

196) $(-2\frac{2}{5}, y)$ and $(-2, -2\frac{3}{4})$; slope: $-\frac{63}{8}$

197) $(\frac{4}{5}, y)$ and $(\frac{4}{3}, -2\frac{1}{3})$; slope: $-\frac{35}{8}$

198) $(\frac{1}{3}, y)$ and $(\frac{1}{2}, \frac{6}{5})$; slope: $-\frac{36}{5}$

199) $(1, -3\frac{3}{4})$ and $(\frac{3}{4}, y)$; slope: -9

200) $(\frac{1}{2}, \frac{2}{3})$ and $(-1\frac{4}{5}, y)$; slope: $\frac{5}{6}$

Find the value of x so it matches given slope:

201) $(x, 2\frac{2}{3})$ and $(1\frac{5}{6}, -5)$; slope: 46

202) $(\frac{2}{3}, \frac{8}{5})$ and $(x, -1\frac{1}{5})$; slope: $-\frac{21}{5}$

203) $(-\frac{8}{7}, -\frac{1}{5})$ and $(x, \frac{5}{3})$; slope: $-\frac{392}{5}$

204) $(\frac{1}{2}, -2\frac{2}{3})$ and $(x, -1)$; slope: $\frac{50}{9}$

205) $(\frac{1}{2}, \frac{4}{5})$ and $(x, \frac{1}{4})$; slope: $-\frac{11}{5}$

206) $(x, \frac{5}{3})$ and $(\frac{1}{2}, \frac{13}{7})$; slope: $-\frac{2}{7}$

207) $(x, 2\frac{1}{4})$ and $(\frac{1}{2}, -\frac{2}{5})$; slope: $-\frac{159}{10}$

208) $(x, -6)$ and $(\frac{11}{6}, 1)$; slope: $\frac{21}{8}$

209) $(x, -1\frac{1}{3})$ and $(\frac{1}{6}, -\frac{3}{4})$; slope: undefined

210) $(1\frac{2}{7}, 1\frac{1}{7})$ and $(x, 2)$; slope: $\frac{3}{4}$

211) $(x, -1\frac{2}{5})$ and $(-\frac{1}{3}, 1)$; slope: $-\frac{24}{5}$

212) $(-\frac{2}{3}, -\frac{5}{3})$ and $(x, 1)$; slope: $-\frac{16}{7}$

213) $(x, 1)$ and $(\frac{8}{5}, 2\frac{2}{3})$; slope: undefined

214) $(-\frac{3}{4}, 3\frac{1}{2})$ and $(x, 1)$; slope: $-\frac{5}{9}$

215) $\left(x, 3\frac{1}{3}\right)$ and $\left(2\frac{1}{2}, 2\right)$; slope: $-\frac{2}{5}$

216) $\left(\frac{4}{3}, -1\frac{3}{4}\right)$ and $(x, 6)$; slope: undefined

217) $\left(\frac{3}{2}, 0\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{3}{2}$

218) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{3}{4}, -\frac{3}{2}\right)$; slope: $-\frac{8}{9}$

219) $\left(x, \frac{1}{3}\right)$ and $\left(2, -2\frac{1}{3}\right)$; slope: $-\frac{1}{2}$

220) $\left(x, 3\frac{1}{2}\right)$ and $\left(\frac{5}{3}, -2\right)$; slope: $-\frac{33}{8}$

221) $\left(x, -2\frac{1}{4}\right)$ and $\left(1, \frac{7}{6}\right)$; slope: $-\frac{41}{8}$

222) $\left(\frac{8}{7}, -2\frac{1}{6}\right)$ and $\left(x, -3\frac{2}{3}\right)$; slope: $\frac{21}{10}$

223) $\left(\frac{7}{4}, -3\frac{1}{2}\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: -2

224) $\left(-\frac{3}{2}, -1\frac{3}{4}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: 5

225) $\left(\frac{12}{7}, -1\right)$ and $\left(x, \frac{2}{7}\right)$; slope: $\frac{12}{5}$

226) $(x, 3)$ and $\left(-2\frac{1}{3}, -\frac{6}{5}\right)$; slope: $-\frac{42}{5}$

227) $\left(x, 2\frac{2}{5}\right)$ and $\left(-\frac{3}{2}, 3\frac{1}{2}\right)$; slope: $-\frac{11}{5}$

228) $\left(x, \frac{3}{4}\right)$ and $\left(3\frac{1}{2}, 0\right)$; slope: $-\frac{3}{10}$

229) $\left(1\frac{2}{7}, 1\frac{2}{7}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{33}{2}$

230) $(x, -1)$ and $\left(-\frac{5}{4}, 2\right)$; slope: 4

231) $\left(x, 4\frac{1}{4}\right)$ and $\left(\frac{3}{2}, 3\frac{1}{4}\right)$; slope: -6

232) $\left(-\frac{5}{4}, 3\frac{1}{2}\right)$ and $(x, 0)$; slope: 14

233) $\left(x, -2\frac{3}{4}\right)$ and $\left(-\frac{10}{7}, \frac{6}{7}\right)$; slope: $\frac{3}{2}$

234) $\left(x, -2\frac{4}{5}\right)$ and $\left(\frac{1}{4}, 2\frac{5}{6}\right)$; slope: $\frac{338}{3}$

235) $\left(x, \frac{1}{2}\right)$ and $\left(-1\frac{6}{7}, -1\frac{2}{3}\right)$; slope: $-\frac{13}{6}$

236) $\left(\frac{7}{4}, 3\frac{1}{6}\right)$ and $\left(x, \frac{4}{3}\right)$; slope: undefined

237) $\left(\frac{1}{4}, 2\frac{1}{5}\right)$ and $(x, 0)$; slope: undefined

238) $\left(2\frac{1}{4}, -\frac{6}{5}\right)$ and $\left(x, 3\frac{1}{2}\right)$; slope: $-\frac{6}{5}$

239) $\left(2\frac{3}{4}, 2\right)$ and $(x, -1)$; slope: $\frac{12}{7}$

240) $\left(\frac{1}{6}, \frac{1}{4}\right)$ and $\left(x, 1\frac{5}{7}\right)$; slope: $-\frac{3}{7}$

241) $\left(x, \frac{1}{2}\right)$ and $\left(3\frac{1}{2}, -3\frac{1}{4}\right)$; slope: $-\frac{7}{10}$

242) $(x, 3)$ and $\left(-2, \frac{5}{7}\right)$; slope: $\frac{8}{7}$

243) $\left(\frac{4}{3}, 1\frac{4}{5}\right)$ and $(x, 0)$; slope: $\frac{27}{10}$

244) $\left(x, \frac{5}{6}\right)$ and $\left(\frac{5}{7}, -2\frac{1}{2}\right)$; slope: $\frac{56}{9}$

245) $\left(x, -\frac{1}{4}\right)$ and $\left(-\frac{7}{4}, -3\frac{1}{5}\right)$; slope: $\frac{59}{10}$

246) $\left(-2\frac{5}{6}, 0\right)$ and $\left(x, \frac{5}{3}\right)$; slope: $\frac{1}{2}$

247) $(x, 0)$ and $\left(-2\frac{1}{2}, -3\frac{1}{2}\right)$; slope: 14

248) $\left(x, \frac{5}{3}\right)$ and $\left(\frac{4}{3}, -\frac{8}{5}\right)$; slope: $-\frac{49}{5}$

249) $(x, -4)$ and $\left(1, -\frac{2}{5}\right)$; slope: $\frac{9}{7}$

250) $\left(x, 3\frac{1}{2}\right)$ and $\left(-1, \frac{1}{2}\right)$; slope: $\frac{6}{5}$

251) $\left(0, \frac{1}{3}\right)$ and $\left(x, -\frac{1}{2}\right)$; slope: $-\frac{2}{3}$

252) $\left(x, \frac{3}{2}\right)$ and $\left(1\frac{1}{6}, -\frac{4}{3}\right)$; slope: $-\frac{5}{7}$

253) $\left(\frac{11}{6}, -1\frac{5}{6}\right)$ and $(x, 1)$; slope: $-\frac{17}{4}$

254) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{5}{4}, -\frac{4}{3}\right)$; slope: $-\frac{22}{7}$

255) $\left(-\frac{3}{2}, \frac{8}{7}\right)$ and $\left(x, \frac{3}{7}\right)$; slope: $\frac{10}{7}$

256) $(x, -1)$ and $\left(-1\frac{3}{4}, \frac{4}{3}\right)$; slope: undefined

257) $\left(x, \frac{3}{4}\right)$ and $\left(-\frac{3}{4}, \frac{1}{2}\right)$; slope: $-\frac{3}{7}$

258) $\left(x, -1\frac{1}{7}\right)$ and $\left(-1\frac{1}{2}, 1\right)$; slope: $-\frac{6}{7}$

259) $\left(x, -3\frac{2}{3}\right)$ and $(0, -6)$; slope: $-\frac{7}{6}$

260) $\left(\frac{1}{3}, -\frac{1}{4}\right)$ and $\left(x, \frac{5}{4}\right)$; slope: $\frac{3}{2}$

261) $(x, 1)$ and $\left(-1, \frac{3}{4}\right)$; slope: $\frac{5}{8}$

262) $\left(x, -\frac{4}{3}\right)$ and $\left(1, \frac{1}{2}\right)$; slope: undefined

263) $\left(\frac{1}{6}, 3\frac{1}{2}\right)$ and $\left(x, 1\frac{5}{6}\right)$; slope: undefined

264) $(x, 2)$ and $\left(-2\frac{2}{3}, 3\right)$; slope: 3

265) $\left(x, -\frac{2}{3}\right)$ and $\left(2\frac{1}{3}, -2\frac{4}{5}\right)$; slope: -1

266) $\left(\frac{4}{7}, -2\frac{1}{2}\right)$ and $\left(x, -\frac{3}{2}\right)$; slope: $-\frac{7}{4}$

267) $\left(1, -1\frac{3}{5}\right)$ and $(x, 2)$; slope: $-\frac{6}{7}$

268) $\left(-2, 2\frac{5}{6}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{14}{3}$

269) $(x, -5)$ and $\left(\frac{3}{4}, -\frac{3}{2}\right)$; slope: $\frac{7}{2}$

270) $\left(\frac{4}{7}, -\frac{1}{5}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $\frac{7}{10}$

271) $\left(\frac{1}{3}, \frac{7}{6}\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $-\frac{4}{7}$

272) $\left(\frac{1}{2}, 2\right)$ and $\left(x, -\frac{3}{4}\right)$; slope: $-\frac{11}{9}$

273) $(x, 2)$ and $\left(-2, -1\frac{1}{4}\right)$; slope: $\frac{13}{4}$

274) $\left(0, \frac{5}{6}\right)$ and $(x, -1)$; slope: $-\frac{22}{9}$

275) $\left(-1\frac{1}{2}, -2\frac{3}{4}\right)$ and $\left(x, 3\frac{5}{6}\right)$; slope: $\frac{79}{6}$

276) $\left(\frac{4}{3}, -\frac{2}{3}\right)$ and $(x, -2)$; slope: $\frac{4}{9}$

277) $\left(x, -2\frac{5}{6}\right)$ and $\left(-2\frac{5}{6}, 3\right)$; slope: 14

278) $\left(x, \frac{1}{4}\right)$ and $\left(-3\frac{1}{2}, 2\frac{2}{3}\right)$; slope: $-\frac{29}{10}$

279) $\left(\frac{3}{2}, 0\right)$ and $(x, -7)$; slope: undefined

280) $\left(x, 1\frac{1}{2}\right)$ and $\left(\frac{2}{3}, 3\frac{5}{6}\right)$; slope: $\frac{7}{9}$

281) $\left(x, -\frac{7}{6}\right)$ and $\left(-1\frac{2}{3}, -5\right)$; slope: 23

282) $\left(\frac{3}{4}, -1\right)$ and $\left(x, \frac{5}{4}\right)$; slope: $\frac{27}{5}$

283) $(0, -3)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $\frac{11}{10}$

284) $\left(x, \frac{3}{2}\right)$ and $\left(-\frac{5}{3}, -1\frac{5}{6}\right)$; slope: -1

285) $\left(x, -2\frac{1}{2}\right)$ and $\left(\frac{5}{6}, -3\frac{2}{3}\right)$; slope: $-\frac{7}{6}$

286) $\left(x, \frac{1}{4}\right)$ and $\left(-\frac{11}{6}, 3\frac{1}{5}\right)$; slope: undefined

287) $\left(x, -3\frac{1}{3}\right)$ and $\left(-3\frac{1}{5}, 1\frac{1}{3}\right)$; slope: $-\frac{7}{9}$

288) $(x, -3)$ and $\left(-\frac{1}{2}, 2\frac{1}{4}\right)$; slope: $-\frac{49}{10}$

289) $\left(x, \frac{1}{4}\right)$ and $\left(-\frac{7}{4}, \frac{2}{5}\right)$; slope: undefined

290) $\left(-2, \frac{5}{6}\right)$ and $\left(x, -3\frac{1}{2}\right)$; slope: $\frac{13}{2}$

291) $(1, -2)$ and $\left(x, \frac{2}{3}\right)$; slope: undefined

292) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{5}{3}, \frac{1}{3}\right)$; slope: $\frac{1}{5}$

293) $(x, -1)$ and $(1, -2)$; slope: -1

294) $\left(x, 3\frac{1}{4}\right)$ and $\left(-\frac{9}{5}, \frac{1}{2}\right)$; slope: $\frac{5}{6}$

295) $\left(x, -\frac{5}{3}\right)$ and $\left(4\frac{1}{2}, \frac{1}{2}\right)$; slope: $\frac{13}{5}$

296) $\left(-2, -6\frac{1}{2}\right)$ and $(x, -5)$; slope: undefined

297) $\left(\frac{11}{6}, 0\right)$ and $\left(x, -1\frac{1}{3}\right)$; slope: 16

298) $\left(\frac{2}{3}, 0\right)$ and $\left(x, \frac{5}{3}\right)$; slope: $-\frac{2}{5}$

299) $\left(x, 2\frac{5}{7}\right)$ and $\left(-3\frac{6}{7}, -3\frac{1}{2}\right)$; slope: $\frac{87}{5}$

300) $\left(x, \frac{3}{5}\right)$ and $\left(2\frac{2}{5}, 3\right)$; slope: $\frac{1}{2}$

Find the value of y so it matches given slope:

301) $\left(\frac{5}{6}, -\frac{3}{2}\right)$ and $(x, 2)$; slope: undefined

302) $\left(\frac{3}{4}, 0\right)$ and $\left(x, -\frac{4}{5}\right)$; slope: undefined

303) $(x, -9)$ and $\left(\frac{1}{2}, -3\frac{1}{4}\right)$; slope: $-\frac{69}{4}$

304) $\left(-\frac{4}{3}, 4\frac{1}{2}\right)$ and $\left(x, 3\frac{1}{6}\right)$; slope: $-\frac{2}{5}$

305) $(x, 0)$ and $\left(\frac{4}{3}, -1\right)$; slope: $-\frac{6}{5}$

306) $\left(\frac{2}{7}, -3\right)$ and $\left(x, -\frac{7}{6}\right)$; slope: $-\frac{7}{10}$

307) $\left(x, 2\frac{1}{2}\right)$ and $\left(\frac{5}{4}, 1\frac{3}{4}\right)$; slope: 3

308) $\left(0, -\frac{7}{9}\right)$ and $(x, 1)$; slope: $\frac{4}{3}$

309) $\left(-1\frac{1}{2}, -1\right)$ and $\left(x, -3\frac{3}{5}\right)$; slope: $\frac{78}{5}$

310) $\left(\frac{1}{9}, -\frac{11}{6}\right)$ and $\left(x, -3\frac{1}{2}\right)$; slope: $-\frac{30}{7}$

311) $\left(1\frac{1}{3}, -\frac{4}{3}\right)$ and $(x, -1)$; slope: undefined

312) $\left(x, 3\frac{1}{4}\right)$ and $\left(-2, \frac{3}{4}\right)$; slope: $\frac{5}{2}$

313) $\left(\frac{4}{7}, -1\frac{1}{6}\right)$ and $\left(x, -1\frac{7}{9}\right)$; slope: undefined

314) $\left(-3\frac{1}{2}, -\frac{7}{8}\right)$ and $\left(x, 2\frac{7}{8}\right)$; slope: $-\frac{35}{2}$

315) $(x, -7)$ and $\left(2, 3\frac{1}{2}\right)$; slope: 12

316) $\left(x, -2\frac{2}{3}\right)$ and $(-1, 7)$; slope: $-\frac{29}{5}$

317) $(x, 0)$ and $(-2, 2)$; slope: $\frac{10}{7}$

318) $\left(-1\frac{7}{9}, -\frac{4}{3}\right)$ and $\left(x, 4\frac{1}{3}\right)$; slope: $-\frac{51}{2}$

319) $\left(x, 3\frac{7}{9}\right)$ and $\left(-1\frac{4}{9}, 4\frac{1}{4}\right)$; slope: $\frac{17}{2}$

320) $\left(-3\frac{2}{9}, -1\frac{2}{3}\right)$ and $\left(x, 3\frac{1}{4}\right)$; slope: $\frac{6}{5}$

321) $\left(x, -\frac{4}{3}\right)$ and $\left(3\frac{1}{2}, -\frac{4}{9}\right)$; slope: $\frac{4}{9}$

322) $(x, 1)$ and $(0, 2)$; slope: $\frac{7}{4}$

323) $\left(0, \frac{2}{3}\right)$ and $\left(x, \frac{5}{3}\right)$; slope: -1

324) $\left(-1\frac{1}{6}, \frac{2}{3}\right)$ and $\left(x, -\frac{1}{6}\right)$; slope: $-\frac{5}{4}$

325) $\left(2\frac{3}{4}, 2\right)$ and $\left(x, -\frac{7}{4}\right)$; slope: $\frac{5}{7}$

326) $\left(-3\frac{1}{5}, -2\right)$ and $\left(x, -3\frac{3}{5}\right)$; slope: $-\frac{1}{3}$

327) $\left(-2\frac{1}{9}, 1\frac{2}{3}\right)$ and $\left(x, \frac{1}{8}\right)$; slope: undefined

328) $(x, -3)$ and $\left(\frac{1}{2}, 3\frac{1}{2}\right)$; slope: 1

329) $\left(\frac{9}{5}, -2\right)$ and $\left(x, -1\frac{1}{5}\right)$; slope: $-\frac{4}{5}$

330) $(x, -7)$ and $\left(-3\frac{1}{6}, -2\frac{5}{7}\right)$; slope: $-\frac{45}{7}$

331) $\left(x, -3\frac{3}{4}\right)$ and $(0, 2)$; slope: undefined

332) $\left(-2\frac{4}{7}, \frac{7}{6}\right)$ and $\left(x, -1\frac{1}{3}\right)$; slope: 14

333) $\left(x, 2\frac{2}{3}\right)$ and $(1, 0)$; slope: $-\frac{10}{3}$

334) $\left(-4, -1\frac{3}{7}\right)$ and $\left(x, 4\frac{4}{7}\right)$; slope: $\frac{12}{7}$

335) $\left(x, -3\frac{1}{2}\right)$ and $\left(4\frac{5}{6}, -\frac{3}{2}\right)$; slope: undefined

336) $\left(x, -\frac{4}{5}\right)$ and $\left(-\frac{1}{2}, -2\frac{1}{2}\right)$; slope: $\frac{3}{5}$

337) $\left(3\frac{1}{3}, \frac{4}{3}\right)$ and $\left(x, -\frac{5}{3}\right)$; slope: $\frac{3}{5}$

338) $(x, -2)$ and $\left(\frac{1}{9}, \frac{17}{9}\right)$; slope: undefined

339) $\left(\frac{6}{5}, -1\right)$ and $\left(x, \frac{1}{2}\right)$; slope: undefined

340) $(x, -1)$ and $\left(-1\frac{2}{5}, 6\right)$; slope: $-\frac{10}{7}$

341) $\left(\frac{5}{4}, 1\frac{1}{4}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $-\frac{6}{5}$

342) $\left(x, -1\frac{2}{3}\right)$ and $\left(-\frac{6}{7}, \frac{4}{3}\right)$; slope: -28

343) $(x, -1)$ and $\left(\frac{2}{9}, 2\right)$; slope: undefined

344) $(x, 4)$ and $\left(\frac{1}{4}, 2\frac{5}{9}\right)$; slope: $-\frac{13}{9}$

345) $\left(x, -2\frac{1}{6}\right)$ and $\left(\frac{4}{3}, 3\frac{5}{6}\right)$; slope: undefined

346) $\left(x, \frac{8}{9}\right)$ and $\left(-\frac{13}{9}, -\frac{5}{4}\right)$; slope: $\frac{1}{2}$

347) $\left(\frac{8}{9}, 0\right)$ and $\left(x, -8\frac{2}{7}\right)$; slope: $\frac{261}{7}$

348) $\left(-1\frac{1}{2}, -\frac{1}{2}\right)$ and $\left(x, 1\frac{1}{3}\right)$; slope: undefined

349) $\left(\frac{7}{8}, \frac{2}{3}\right)$ and $(x, -1)$; slope: $\frac{40}{9}$

350) $\left(-1\frac{7}{8}, -2\right)$ and $(x, -5)$; slope: $-\frac{24}{7}$

351) $\left(1\frac{7}{8}, -7\right)$ and $\left(x, 2\frac{1}{3}\right)$; slope: 32

352) $\left(x, -3\frac{3}{4}\right)$ and $\left(0, -2\frac{1}{2}\right)$; slope: 5

353) $\left(x, -\frac{1}{2}\right)$ and $\left(-3\frac{3}{4}, 0\right)$; slope: -1

354) $\left(x, 2\frac{1}{5}\right)$ and $\left(\frac{1}{3}, -3\frac{3}{5}\right)$; slope: $-\frac{21}{10}$

355) $(x, -1)$ and $\left(2, 2\frac{1}{6}\right)$; slope: $\frac{19}{6}$

356) $(x, -3)$ and $\left(\frac{5}{6}, 3\frac{3}{4}\right)$; slope: undefined

357) $(x, -1)$ and $\left(0, \frac{1}{4}\right)$; slope: $-\frac{5}{7}$

358) $\left(x, -\frac{1}{2}\right)$ and $\left(3\frac{1}{4}, 2\right)$; slope: $\frac{4}{5}$

359) $\left(\frac{1}{3}, -\frac{7}{4}\right)$ and $\left(x, -1\frac{2}{5}\right)$; slope: $\frac{21}{10}$

360) $(x, 2)$ and $\left(\frac{8}{5}, -2\frac{1}{2}\right)$; slope: 5

361) $\left(x, -1\frac{2}{3}\right)$ and $\left(4\frac{3}{7}, 2\frac{3}{7}\right)$; slope: $\frac{10}{3}$

362) $(x, -1)$ and $(1, 0)$; slope: $\frac{1}{3}$

363) $\left(1\frac{4}{9}, -2\frac{7}{9}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $\frac{127}{8}$

364) $\left(-1, 3\frac{1}{9}\right)$ and $\left(x, \frac{2}{3}\right)$; slope: $-\frac{22}{9}$

365) $(x, -1)$ and $\left(-2\frac{1}{3}, \frac{4}{3}\right)$; slope: $\frac{28}{5}$

366) $\left(1\frac{1}{2}, \frac{5}{7}\right)$ and $\left(x, \frac{4}{3}\right)$; slope: undefined

367) $(x, 2)$ and $\left(-\frac{1}{3}, 0\right)$; slope: $\frac{12}{5}$

368) $\left(x, -\frac{4}{3}\right)$ and $\left(2\frac{2}{3}, \frac{1}{2}\right)$; slope: $\frac{1}{2}$

369) $(x, 2)$ and $(2, 3)$; slope: 2

370) $\left(x, \frac{1}{7}\right)$ and $\left(-\frac{10}{7}, -\frac{11}{7}\right)$; slope: -24

371) $(-1, 0)$ and $(x, 2)$; slope: -2

372) $\left(1, -\frac{3}{5}\right)$ and $(x, -2)$; slope: $-\frac{28}{5}$

373) $\left(x, -1\frac{7}{8}\right)$ and $\left(1\frac{1}{4}, -2\right)$; slope: $-\frac{1}{6}$

374) $\left(x, -\frac{5}{4}\right)$ and $\left(\frac{9}{7}, 3\frac{3}{7}\right)$; slope: undefined

375) $\left(x, \frac{3}{2}\right)$ and $\left(1, 4\frac{3}{5}\right)$; slope: undefined

376) $\left(x, -\frac{1}{3}\right)$ and $\left(3\frac{2}{3}, 1\frac{5}{6}\right)$; slope: $-\frac{13}{5}$

377) $\left(x, \frac{4}{7}\right)$ and $\left(-1\frac{1}{7}, -3\frac{1}{2}\right)$; slope: $-\frac{95}{6}$

378) $\left(-1\frac{1}{6}, 4\right)$ and $\left(x, -\frac{5}{3}\right)$; slope: $\frac{17}{4}$

379) $\left(x, 1\frac{1}{8}\right)$ and $\left(1\frac{2}{3}, -1\frac{3}{8}\right)$; slope: $-\frac{5}{3}$

380) $\left(\frac{5}{3}, -2\right)$ and $(x, 4)$; slope: 36

381) $\left(x, -\frac{1}{2}\right)$ and $\left(-\frac{8}{5}, 2\frac{4}{5}\right)$; slope: $\frac{3}{4}$

382) $\left(-2, \frac{1}{6}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $\frac{1}{3}$

383) $\left(\frac{5}{6}, -2\frac{3}{4}\right)$ and $\left(x, \frac{3}{2}\right)$; slope: $-\frac{51}{10}$

384) $\left(x, \frac{5}{3}\right)$ and $\left(-1\frac{1}{7}, -1\frac{2}{3}\right)$; slope: $\frac{70}{3}$

385) $\left(x, -3\frac{1}{2}\right)$ and $\left(-\frac{9}{8}, \frac{4}{7}\right)$; slope: $-\frac{12}{5}$

386) $\left(x, \frac{3}{2}\right)$ and $\left(2\frac{3}{8}, 2\right)$; slope: undefined

387) $\left(\frac{3}{2}, \frac{3}{2}\right)$ and $\left(x, -\frac{1}{2}\right)$; slope: $\frac{4}{3}$

388) $\left(\frac{7}{9}, 2\right)$ and $\left(x, 6\frac{2}{3}\right)$; slope: $\frac{12}{7}$

389) $\left(x, \frac{3}{2}\right)$ and $\left(\frac{1}{2}, -3\frac{5}{6}\right)$; slope: -4

390) $\left(\frac{7}{8}, \frac{3}{8}\right)$ and $\left(x, -\frac{1}{6}\right)$; slope: $\frac{1}{5}$

391) $(x, 6)$ and $\left(\frac{1}{3}, -\frac{4}{5}\right)$; slope: $\frac{102}{7}$

392) $\left(-\frac{1}{2}, \frac{2}{9}\right)$ and $(x, -8)$; slope: undefined

393) $\left(2, -\frac{2}{3}\right)$ and $\left(x, -1\frac{6}{7}\right)$; slope: $\frac{25}{7}$

394) $(x, -6)$ and $\left(\frac{7}{4}, -5\right)$; slope: $\frac{2}{3}$

395) $\left(\frac{4}{9}, \frac{9}{5}\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: $-\frac{201}{10}$

396) $\left(x, -\frac{4}{3}\right)$ and $\left(0, -2\frac{1}{2}\right)$; slope: $-\frac{2}{3}$

397) $(x, 7)$ and $\left(-\frac{2}{3}, -2\frac{5}{7}\right)$; slope: $-\frac{153}{7}$

398) $\left(x, \frac{7}{5}\right)$ and $\left(1\frac{2}{3}, 9\frac{2}{5}\right)$; slope: $\frac{16}{3}$

399) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, -2\right)$; slope: $\frac{5}{3}$

400) $\left(\frac{4}{5}, -2\frac{1}{2}\right)$ and $(x, -1)$; slope: $-\frac{5}{2}$

Find the value of x so it matches given slope:

401) $\left(1, -2\frac{1}{7}\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $-\frac{65}{6}$

402) $\left(\frac{2}{3}, -2\right)$ and $\left(x, \frac{3}{7}\right)$; slope: $\frac{51}{7}$

403) $\left(x, -\frac{3}{2}\right)$ and $\left(3\frac{1}{3}, 4\frac{1}{3}\right)$; slope: $\frac{5}{2}$

404) $\left(\frac{1}{2}, -2\frac{2}{3}\right)$ and $(x, 0)$; slope: undefined

405) $\left(2\frac{1}{2}, 3\right)$ and $\left(x, 3\frac{1}{2}\right)$; slope: $-\frac{1}{8}$

406) $\left(x, -3\frac{5}{6}\right)$ and $\left(\frac{3}{8}, \frac{3}{4}\right)$; slope: undefined

407) $(x, -7)$ and $(-\frac{10}{9}, 3\frac{3}{5})$; slope: $\frac{477}{10}$

408) $(4\frac{1}{6}, \frac{3}{4})$ and $(x, \frac{2}{3})$; slope: $-\frac{1}{8}$

409) $(\frac{1}{3}, 4\frac{6}{7})$ and $(x, 2\frac{2}{3})$; slope: $-\frac{46}{7}$

410) $(x, -3\frac{6}{7})$ and $(-\frac{2}{3}, 4\frac{5}{7})$; slope: $-\frac{24}{7}$

411) $(x, \frac{3}{2})$ and $(-4, -2\frac{5}{8})$; slope: $\frac{15}{8}$

412) $(-\frac{4}{3}, 1\frac{1}{2})$ and $(x, 3\frac{3}{4})$; slope: $\frac{9}{4}$

413) $(2, -7)$ and $(x, -2\frac{1}{6})$; slope: $-\frac{29}{6}$

414) $(4\frac{1}{2}, -2\frac{3}{8})$ and $(x, 3\frac{1}{4})$; slope: -5

415) $(-\frac{3}{2}, -1\frac{5}{6})$ and $(x, 3\frac{1}{3})$; slope: undefined

416) $(x, 1)$ and $(1, \frac{5}{9})$; slope: $-\frac{8}{9}$

417) $(\frac{1}{3}, -\frac{2}{9})$ and $(x, 4\frac{1}{4})$; slope: $\frac{46}{3}$

418) $(\frac{4}{3}, 1)$ and $(x, 8\frac{2}{3})$; slope: $-\frac{69}{8}$

419) $(-2, 3\frac{1}{3})$ and $(x, 2\frac{1}{3})$; slope: $-\frac{3}{7}$

420) $(-2\frac{1}{4}, \frac{9}{5})$ and $(x, -3)$; slope: $\frac{48}{5}$

421) $(x, \frac{9}{5})$ and $(\frac{1}{2}, -\frac{1}{2})$; slope: $\frac{23}{5}$

422) $(-1, -2\frac{2}{3})$ and $(x, \frac{1}{3})$; slope: $-\frac{7}{2}$

423) $(-4, \frac{3}{4})$ and $(x, -7)$; slope: $-\frac{3}{2}$

424) $(3\frac{1}{2}, 1)$ and $(x, \frac{3}{4})$; slope: $-\frac{1}{10}$

425) $(x, 1\frac{2}{9})$ and $(2, -\frac{17}{9})$; slope: $-\frac{4}{3}$

426) $(3\frac{1}{2}, 3\frac{3}{7})$ and $(x, -1)$; slope: $\frac{62}{7}$

427) $(3\frac{5}{6}, -3\frac{1}{6})$ and $(x, -2\frac{4}{7})$; slope: $-\frac{50}{7}$

428) $(x, -\frac{1}{3})$ and $(\frac{1}{8}, \frac{1}{3})$; slope: $\frac{8}{9}$

429) $(x, \frac{1}{6})$ and $(\frac{1}{3}, -\frac{5}{3})$; slope: $\frac{22}{5}$

430) $(1\frac{2}{3}, -2\frac{1}{6})$ and $(x, -\frac{4}{3})$; slope: $\frac{10}{7}$

431) $\left(1, 1\frac{5}{6}\right)$ and $\left(x, 1\frac{2}{3}\right)$; slope: $-\frac{1}{9}$

432) $\left(\frac{3}{2}, \frac{2}{9}\right)$ and $(x, 2)$; slope: $-\frac{8}{9}$

433) $(0, 2)$ and $\left(x, 3\frac{3}{4}\right)$; slope: $\frac{3}{8}$

434) $\left(\frac{4}{3}, -1\right)$ and $\left(x, \frac{11}{7}\right)$; slope: $-\frac{27}{7}$

435) $\left(\frac{1}{2}, -3\frac{4}{7}\right)$ and $(x, 2)$; slope: undefined

436) $\left(x, 2\frac{4}{9}\right)$ and $\left(\frac{1}{6}, \frac{3}{4}\right)$; slope: $\frac{61}{6}$

437) $\left(0, \frac{1}{3}\right)$ and $(x, 7)$; slope: $-\frac{10}{3}$

438) $\left(0, 4\frac{2}{5}\right)$ and $(x, -1)$; slope: $\frac{27}{5}$

439) $\left(x, -\frac{1}{3}\right)$ and $\left(1\frac{1}{5}, \frac{8}{5}\right)$; slope: $-\frac{29}{7}$

440) $\left(\frac{2}{3}, 0\right)$ and $\left(x, -1\frac{7}{8}\right)$; slope: $\frac{15}{8}$

441) $\left(\frac{5}{3}, 0\right)$ and $\left(x, 4\frac{2}{3}\right)$; slope: $-\frac{7}{4}$

442) $\left(\frac{3}{2}, -1\right)$ and $\left(x, -\frac{1}{4}\right)$; slope: $-\frac{9}{10}$

443) $\left(x, \frac{1}{2}\right)$ and $\left(-1\frac{1}{2}, 5\right)$; slope: $-\frac{36}{7}$

444) $\left(-\frac{7}{6}, 2\frac{5}{6}\right)$ and $(x, 2)$; slope: 1

445) $\left(x, -3\frac{1}{2}\right)$ and $\left(2, -\frac{5}{4}\right)$; slope: undefined

446) $\left(x, \frac{5}{3}\right)$ and $\left(-\frac{7}{5}, -\frac{4}{3}\right)$; slope: $\frac{15}{7}$

447) $\left(-\frac{3}{2}, 8\frac{3}{7}\right)$ and $\left(x, -3\frac{1}{2}\right)$; slope: $\frac{167}{7}$

448) $(x, 2)$ and $\left(-\frac{5}{3}, 0\right)$; slope: $\frac{12}{7}$

449) $(x, -2)$ and $\left(-\frac{7}{5}, -1\frac{1}{2}\right)$; slope: $\frac{5}{2}$

450) $\left(4\frac{4}{9}, -\frac{1}{3}\right)$ and $(x, -7)$; slope: $\frac{3}{2}$

451) $(0, -2)$ and $\left(x, 3\frac{4}{7}\right)$; slope: $-\frac{117}{7}$

452) $(x, 2)$ and $\left(\frac{7}{5}, 3\frac{2}{3}\right)$; slope: $-\frac{25}{9}$

453) $\left(x, \frac{2}{7}\right)$ and $(-2, 0)$; slope: $-\frac{6}{7}$

454) $(x, -2)$ and $\left(-1, \frac{6}{5}\right)$; slope: $\frac{128}{5}$

455) $\left(0, \frac{1}{3}\right)$ and $(x, -5)$; slope: -4

456) $(-2, -9)$ and $(x, -7)$; slope: 12

457) $(x, -1)$ and $\left(-2, 1\frac{2}{5}\right)$; slope: $-\frac{16}{5}$

458) $\left(-\frac{1}{2}, 7\right)$ and $\left(x, 4\frac{5}{8}\right)$; slope: $\frac{19}{4}$

459) $\left(2, \frac{1}{4}\right)$ and $\left(x, 2\frac{1}{4}\right)$; slope: undefined

460) $(1, 8)$ and $\left(x, \frac{3}{5}\right)$; slope: $-\frac{37}{5}$

461) $(x, -1)$ and $\left(\frac{5}{4}, 3\frac{2}{7}\right)$; slope: $\frac{24}{7}$

462) $(-3, -9)$ and $(x, -2)$; slope: $-\frac{7}{5}$

463) $\left(x, -3\frac{3}{5}\right)$ and $\left(-\frac{4}{5}, \frac{2}{5}\right)$; slope: $-\frac{40}{3}$

464) $\left(x, 2\frac{2}{3}\right)$ and $\left(\frac{3}{2}, 3\frac{1}{9}\right)$; slope: $\frac{8}{3}$

465) $(x, 2)$ and $\left(-2\frac{1}{3}, -3\frac{1}{4}\right)$; slope: undefined

466) $\left(-1\frac{1}{5}, 1\right)$ and $(x, -7)$; slope: undefined

467) $\left(6, -2\frac{1}{3}\right)$ and $\left(x, -\frac{2}{7}\right)$; slope: $-\frac{3}{7}$

468) $\left(-\frac{1}{2}, 2\right)$ and $\left(x, \frac{3}{2}\right)$; slope: $-\frac{1}{5}$

469) $\left(x, -\frac{3}{2}\right)$ and $\left(-\frac{4}{7}, 6\right)$; slope: -7

470) $\left(\frac{3}{2}, 4\frac{3}{8}\right)$ and $\left(x, -2\frac{3}{8}\right)$; slope: $-\frac{81}{10}$

471) $\left(x, -3\frac{1}{3}\right)$ and $\left(-\frac{2}{5}, -3\frac{5}{7}\right)$; slope: $-\frac{5}{6}$

472) $\left(\frac{7}{6}, \frac{7}{4}\right)$ and $(x, 0)$; slope: $-\frac{21}{10}$

473) $(x, 1)$ and $\left(1\frac{1}{2}, -\frac{2}{3}\right)$; slope: $\frac{30}{7}$

474) $(x, 6)$ and $\left(-\frac{3}{4}, -1\right)$; slope: $\frac{12}{7}$

475) $\left(-3\frac{2}{3}, -3\frac{5}{7}\right)$ and $\left(x, \frac{13}{7}\right)$; slope: $\frac{234}{7}$

476) $\left(3\frac{1}{6}, 2\frac{1}{2}\right)$ and $\left(x, -3\frac{1}{6}\right)$; slope: $\frac{17}{3}$

477) $\left(x, -\frac{2}{3}\right)$ and $\left(-2, \frac{1}{9}\right)$; slope: $\frac{4}{9}$

478) $\left(-3\frac{1}{2}, 4\frac{2}{3}\right)$ and $(x, -8)$; slope: undefined

479) $\left(x, \frac{1}{3}\right)$ and $\left(\frac{1}{2}, -3\frac{1}{3}\right)$; slope: $-\frac{11}{5}$

480) $\left(x, 4\frac{4}{5}\right)$ and $\left(0, 3\frac{4}{5}\right)$; slope: $\frac{3}{4}$

481) $\left(3\frac{1}{4}, 4\frac{1}{8}\right)$ and $\left(x, 4\frac{3}{5}\right)$; slope: $\frac{57}{10}$

482) $\left(-2\frac{2}{9}, 1\frac{8}{9}\right)$ and $(x, -1)$; slope: $-\frac{2}{5}$

483) $\left(\frac{2}{3}, -2\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: undefined

484) $\left(x, 3\frac{3}{7}\right)$ and $\left(\frac{3}{4}, 4\frac{3}{4}\right)$; slope: $-\frac{37}{7}$

485) $\left(x, -1\frac{1}{2}\right)$ and $\left(2, -2\frac{8}{9}\right)$; slope: $\frac{25}{9}$

486) $\left(1, \frac{1}{4}\right)$ and $(x, 9)$; slope: $-\frac{21}{4}$

487) $(x, 9)$ and $\left(2\frac{5}{6}, -\frac{2}{3}\right)$; slope: undefined

488) $\left(1\frac{1}{6}, -5\right)$ and $(x, -1)$; slope: undefined

489) $\left(-2, -\frac{5}{6}\right)$ and $\left(x, -1\frac{1}{2}\right)$; slope: $-\frac{2}{9}$

490) $\left(x, -3\frac{3}{4}\right)$ and $\left(-\frac{1}{5}, \frac{5}{8}\right)$; slope: $-\frac{175}{8}$

491) $\left(\frac{1}{4}, 1\right)$ and $\left(x, -1\frac{1}{7}\right)$; slope: $-\frac{60}{7}$

492) $(x, -7)$ and $\left(2, 3\frac{1}{8}\right)$; slope: undefined

493) $\left(1, \frac{1}{2}\right)$ and $\left(x, 3\frac{1}{3}\right)$; slope: undefined

494) $\left(x, -2\frac{3}{4}\right)$ and $\left(3\frac{5}{6}, -9\right)$; slope: $\frac{15}{2}$

495) $\left(2\frac{1}{8}, \frac{1}{4}\right)$ and $(x, -6)$; slope: undefined

496) $(x, -1)$ and $\left(0, \frac{5}{4}\right)$; slope: -9

497) $(x, 2)$ and $\left(3\frac{5}{6}, -\frac{7}{6}\right)$; slope: -1

498) $\left(\frac{1}{2}, 2\frac{1}{3}\right)$ and $\left(x, \frac{5}{9}\right)$; slope: $-\frac{160}{9}$

499) $(x, -9)$ and $(1, 7)$; slope: $-\frac{128}{7}$

500) $\left(x, \frac{13}{7}\right)$ and $\left(-\frac{5}{3}, 2\right)$; slope: $-\frac{6}{7}$

Find the value of y so it matches given slope:

501) $\left(\frac{3}{5}, y\right)$ and $\left(0, -\frac{7}{5}\right)$; slope: 4

502) $(-1, y)$ and $\left(1, -\frac{3}{2}\right)$; slope: $\frac{6}{5}$

503) $\left(-\frac{5}{3}, y\right)$ and $\left(-\frac{8}{5}, 4\frac{1}{5}\right)$; slope: 81

504) $\left(-\frac{1}{2}, -1\frac{2}{3}\right)$ and $(-1, y)$; slope: -11

505) $(-9, y)$ and $(-2, 5)$; slope: $\frac{5}{7}$

506) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{13}{10}, -\frac{4}{5}\right)$; slope: $-\frac{7}{2}$

507) $\left(\frac{1}{2}, y\right)$ and $\left(1\frac{1}{3}, \frac{2}{3}\right)$; slope: $\frac{4}{5}$

508) $\left(-1, -\frac{2}{3}\right)$ and $\left(-\frac{4}{3}, y\right)$; slope: 0

509) $\left(\frac{6}{11}, y\right)$ and $\left(0, 2\frac{10}{11}\right)$; slope: 0

510) $(0, y)$ and $\left(-\frac{4}{5}, \frac{3}{5}\right)$; slope: $-\frac{3}{4}$

511) $\left(4\frac{2}{5}, 7\right)$ and $\left(-\frac{7}{4}, y\right)$; slope: 0

512) $\left(\frac{7}{4}, -\frac{6}{11}\right)$ and $\left(1\frac{2}{11}, y\right)$; slope: $-\frac{18}{5}$

513) $\left(1, -\frac{2}{3}\right)$ and $(2, y)$; slope: $-\frac{11}{9}$

514) $\left(4\frac{9}{10}, -1\frac{1}{6}\right)$ and $\left(5\frac{3}{10}, y\right)$; slope: $\frac{40}{3}$

515) $\left(\frac{4}{3}, y\right)$ and $\left(-\frac{2}{3}, 1\frac{1}{4}\right)$; slope: $\frac{13}{8}$

516) $(-8, -2\frac{3}{4})$ and $(-2, y)$; slope: $\frac{1}{8}$

517) $(-2, -\frac{1}{9})$ and $\left(-\frac{8}{5}, y\right)$; slope: $\frac{10}{3}$

518) $\left(2, 4\frac{4}{5}\right)$ and $(3, y)$; slope: $-\frac{19}{5}$

519) $\left(-\frac{1}{4}, \frac{2}{3}\right)$ and $(1, y)$; slope: $-\frac{28}{3}$

520) $\left(-1\frac{1}{8}, \frac{1}{9}\right)$ and $\left(-\frac{10}{9}, y\right)$; slope: $-\frac{292}{5}$

521) $\left(\frac{14}{11}, y\right)$ and $\left(\frac{12}{11}, 0\right)$; slope: $-\frac{22}{5}$

522) $\left(1\frac{10}{11}, y\right)$ and $\left(2, -\frac{13}{7}\right)$; slope: $-\frac{143}{7}$

523) $\left(\frac{12}{11}, 1\right)$ and $\left(1\frac{1}{8}, y\right)$; slope: $\frac{88}{3}$

524) $\left(1\frac{3}{7}, \frac{3}{4}\right)$ and $\left(\frac{7}{5}, y\right)$; slope: $-\frac{175}{2}$

525) $\left(\frac{7}{4}, 5\frac{3}{4}\right)$ and $\left(\frac{5}{3}, y\right)$; slope: 39

526) $\left(\frac{4}{3}, 5\frac{1}{10}\right)$ and $\left(1\frac{2}{5}, y\right)$; slope: $-\frac{739}{6}$

527) $\left(\frac{20}{11}, y\right)$ and $\left(\frac{17}{9}, \frac{2}{3}\right)$; slope: -55

528) $\left(2\frac{3}{8}, y\right)$ and $\left(2\frac{1}{2}, -1\frac{5}{6}\right)$; slope: $\frac{40}{3}$

529) $\left(5\frac{3}{5}, -3\frac{5}{8}\right)$ and $(9, y)$; slope: $\frac{5}{8}$

530) $\left(1\frac{2}{5}, 6\right)$ and $\left(-2\frac{1}{8}, y\right)$; slope: $\frac{8}{3}$

531) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{3}{8}, \frac{1}{3}\right)$; slope: $\frac{28}{3}$

532) $\left(-\frac{7}{6}, y\right)$ and $\left(-1\frac{2}{3}, -\frac{8}{9}\right)$; slope: $\frac{34}{9}$

533) $\left(-\frac{1}{3}, 1\right)$ and $\left(-\frac{5}{9}, y\right)$; slope: $\frac{81}{2}$

534) $(1, y)$ and $\left(\frac{1}{2}, 3\frac{1}{2}\right)$; slope: $\frac{8}{3}$

535) $\left(-2, -2\frac{1}{3}\right)$ and $\left(-\frac{11}{6}, y\right)$; slope: 9

536) $\left(\frac{4}{11}, y\right)$ and $\left(-\frac{2}{3}, -2\frac{5}{6}\right)$; slope: $\frac{11}{10}$

537) $(-1, -1)$ and $\left(\frac{2}{3}, y\right)$; slope: 0

538) $(-2, y)$ and $\left(-1\frac{1}{2}, 2\right)$; slope: $\frac{22}{5}$

539) $\left(\frac{5}{6}, 1\right)$ and $\left(\frac{7}{10}, y\right)$; slope: $\frac{205}{6}$

540) $\left(-1\frac{5}{6}, 5\frac{5}{6}\right)$ and $(-2, y)$; slope: $\frac{53}{3}$

541) $\left(\frac{3}{2}, -3\frac{7}{10}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: 16

542) $\left(-1\frac{1}{2}, y\right)$ and $\left(-\frac{13}{9}, -2\frac{1}{4}\right)$; slope: $-\frac{285}{2}$

543) $\left(\frac{17}{9}, y\right)$ and $\left(\frac{11}{6}, \frac{5}{6}\right)$; slope: 0

544) $\left(\frac{3}{2}, \frac{1}{2}\right)$ and $\left(\frac{5}{11}, y\right)$; slope: $-\frac{11}{4}$

545) $\left(-\frac{5}{6}, y\right)$ and $\left(\frac{4}{3}, 2\frac{5}{8}\right)$; slope: $\frac{3}{4}$

546) $\left(-2\frac{1}{6}, 2\right)$ and $\left(-2\frac{5}{6}, y\right)$; slope: $\frac{51}{10}$

547) $\left(\frac{3}{7}, 4\right)$ and $(0, y)$; slope: $\frac{70}{9}$

548) $\left(-3\frac{1}{2}, -\frac{1}{2}\right)$ and $(-2, y)$; slope: $-\frac{4}{9}$

549) $\left(-\frac{4}{5}, y\right)$ and $\left(-\frac{7}{8}, 4\frac{7}{8}\right)$; slope: $-\frac{545}{9}$

550) $\left(\frac{3}{8}, y\right)$ and $\left(\frac{1}{2}, \frac{5}{6}\right)$; slope: 0

551) $\left(\frac{13}{9}, y\right)$ and $\left(\frac{10}{9}, -\frac{6}{5}\right)$; slope: $\frac{99}{10}$

552) $(6, y)$ and $\left(7, \frac{1}{3}\right)$; slope: $\frac{13}{3}$

553) $\left(\frac{2}{3}, 4\frac{5}{9}\right)$ and $\left(-\frac{14}{11}, y\right)$; slope: $\frac{11}{6}$

554) $\left(3\frac{2}{3}, 3\frac{3}{4}\right)$ and $(8, y)$; slope: $-\frac{5}{4}$

555) $\left(\frac{3}{2}, -2\frac{4}{5}\right)$ and $\left(-1\frac{1}{2}, y\right)$; slope: $-\frac{8}{5}$

556) $\left(-\frac{2}{3}, -1\right)$ and $(-1, y)$; slope: $-\frac{51}{5}$

557) $\left(\frac{2}{3}, y\right)$ and $(-1, 1)$; slope: $-\frac{3}{5}$

558) $\left(\frac{5}{4}, -1\frac{3}{4}\right)$ and $(2, y)$; slope: $\frac{11}{3}$

559) $\left(-1\frac{1}{6}, y\right)$ and $\left(-\frac{13}{10}, -1\right)$; slope: $\frac{65}{4}$

560) $\left(-\frac{8}{5}, \frac{7}{6}\right)$ and $\left(-1\frac{5}{8}, y\right)$; slope: $\frac{110}{3}$

561) $\left(1\frac{1}{4}, y\right)$ and $\left(-2, 5\frac{5}{9}\right)$; slope: $-\frac{32}{9}$

562) $\left(\frac{1}{2}, 1\right)$ and $\left(\frac{4}{5}, y\right)$; slope: $-\frac{140}{9}$

563) $\left(-1, -\frac{7}{4}\right)$ and $\left(-\frac{4}{3}, y\right)$; slope: -3

564) $\left(1\frac{1}{2}, y\right)$ and $\left(\frac{7}{6}, 3\frac{5}{6}\right)$; slope: $-\frac{11}{2}$

565) $\left(-\frac{2}{3}, \frac{1}{2}\right)$ and $\left(\frac{1}{6}, y\right)$; slope: 0

566) $(2, y)$ and $\left(\frac{3}{2}, -\frac{1}{2}\right)$; slope: $-\frac{4}{3}$

567) $\left(\frac{5}{3}, y\right)$ and $\left(2, -1\frac{7}{10}\right)$; slope: $\frac{9}{10}$

568) $\left(\frac{2}{5}, -1\right)$ and $\left(-\frac{7}{5}, y\right)$; slope: $-\frac{20}{3}$

569) $(1, y)$ and $\left(\frac{4}{5}, 3\frac{2}{3}\right)$; slope: $-\frac{35}{6}$

570) $(1, y)$ and $\left(2, 4\frac{1}{6}\right)$; slope: $\frac{13}{6}$

571) $\left(1\frac{4}{9}, -\frac{1}{9}\right)$ and $(0, y)$; slope: 1

572) $\left(\frac{1}{6}, -\frac{5}{4}\right)$ and $(0, y)$; slope: 0

573) $\left(\frac{2}{3}, \frac{4}{3}\right)$ and $(1, y)$; slope: -7

574) $\left(\frac{4}{5}, y\right)$ and $\left(\frac{6}{7}, -8\right)$; slope: $-\frac{525}{4}$

575) $\left(-\frac{5}{7}, y\right)$ and $\left(-11, 5\frac{7}{9}\right)$; slope: $-\frac{7}{9}$

576) $\left(-\frac{6}{5}, y\right)$ and $\left(-1, -1\frac{2}{7}\right)$; slope: $\frac{10}{7}$

577) $(-2, 1)$ and $(0, y)$; slope: $\frac{9}{5}$

578) $\left(\frac{16}{9}, 0\right)$ and $(2, y)$; slope: $-\frac{18}{5}$

579) $\left(\frac{7}{5}, \frac{1}{4}\right)$ and $\left(\frac{5}{3}, y\right)$; slope: $\frac{15}{4}$

580) $\left(1\frac{1}{2}, y\right)$ and $\left(1\frac{5}{6}, 3\frac{3}{10}\right)$; slope: $\frac{109}{10}$

581) $\left(\frac{3}{10}, y\right)$ and $\left(1\frac{3}{10}, 11\right)$; slope: 11

582) $\left(\frac{3}{5}, -\frac{1}{5}\right)$ and $\left(-\frac{7}{5}, y\right)$; slope: $-\frac{11}{10}$

583) $(1, y)$ and $(0, 1)$; slope: -1

584) $(2, y)$ and $\left(3\frac{1}{2}, -1\right)$; slope: $\frac{1}{3}$

585) $\left(-\frac{2}{9}, \frac{3}{2}\right)$ and $(0, y)$; slope: $-\frac{81}{8}$

586) $(-2, -11)$ and $\left(-1\frac{1}{4}, y\right)$; slope: 8

587) $\left(-3\frac{5}{9}, y\right)$ and $(1, 7)$; slope: $\frac{9}{4}$

588) $\left(2, -3\frac{1}{2}\right)$ and $\left(\frac{11}{6}, y\right)$; slope: $-\frac{72}{5}$

589) $\left(-2, 2\frac{7}{10}\right)$ and $\left(-\frac{5}{3}, y\right)$; slope: $-\frac{71}{10}$

590) $\left(1\frac{4}{5}, -1\frac{1}{5}\right)$ and $\left(\frac{8}{5}, y\right)$; slope: -56

591) $\left(-7, \frac{1}{6}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: 0

592) $(0, y)$ and $\left(3\frac{1}{3}, -\frac{16}{9}\right)$; slope: $-\frac{5}{6}$

593) $\left(-1\frac{2}{3}, y\right)$ and $\left(-\frac{1}{3}, 0\right)$; slope: $\frac{33}{4}$

594) $\left(\frac{1}{2}, \frac{1}{2}\right)$ and $\left(\frac{11}{10}, y\right)$; slope: $\frac{65}{8}$

595) $\left(\frac{1}{2}, y\right)$ and $\left(1, -\frac{3}{2}\right)$; slope: -4

596) $(1, y)$ and $(0, -2)$; slope: -2

597) $\left(-3\frac{5}{8}, -2\frac{1}{2}\right)$ and $\left(-3\frac{5}{6}, y\right)$; slope: $-\frac{188}{5}$

598) $\left(\frac{15}{8}, 3\frac{1}{3}\right)$ and $\left(\frac{9}{5}, y\right)$; slope: $-\frac{260}{9}$

599) $\left(\frac{1}{3}, 4\frac{5}{6}\right)$ and $\left(\frac{3}{5}, y\right)$; slope: 0

600) $\left(\frac{3}{4}, 4\frac{1}{5}\right)$ and $\left(\frac{5}{4}, y\right)$; slope: 0

Find the value of x so it matches given slope:

601) $\left(x, \frac{1}{10}\right)$ and $\left(-\frac{5}{9}, 3\frac{3}{5}\right)$; slope: $\frac{21}{4}$

602) $(x, 0)$ and $\left(-2, -\frac{1}{6}\right)$; slope: $\frac{1}{4}$

603) $\left(\frac{2}{7}, 8\right)$ and $\left(x, \frac{7}{4}\right)$; slope: $\frac{105}{2}$

604) $\left(0, 4\frac{1}{6}\right)$ and $\left(x, \frac{9}{5}\right)$; slope: $-\frac{71}{6}$

605) $\left(x, \frac{4}{3}\right)$ and $\left(1, -\frac{8}{7}\right)$; slope: $-\frac{52}{7}$

606) $\left(-3\frac{3}{4}, \frac{5}{4}\right)$ and $(x, -1)$; slope: $-\frac{3}{7}$

607) $(x, 2)$ and $(-14, -8)$; slope: $\frac{2}{3}$

608) $\left(5\frac{1}{2}, 5\frac{1}{8}\right)$ and $\left(x, \frac{3}{2}\right)$; slope: $\frac{87}{4}$

609) $\left(x, 5\frac{5}{7}\right)$ and $\left(0, 4\frac{9}{14}\right)$; slope: undefined

610) $(x, 8)$ and $\left(-\frac{1}{2}, -2\frac{3}{4}\right)$; slope: $\frac{43}{2}$

611) $\left(1\frac{2}{3}, -1\frac{3}{4}\right)$ and $\left(x, -3\frac{1}{6}\right)$; slope: $-\frac{1}{8}$

612) $\left(5\frac{8}{11}, -\frac{1}{3}\right)$ and $\left(x, \frac{2}{3}\right)$; slope: -11

613) $\left(\frac{3}{2}, 5\frac{3}{8}\right)$ and $(x, 1)$; slope: $\frac{35}{4}$

614) $\left(x, \frac{12}{7}\right)$ and $(4, 4)$; slope: $\frac{8}{7}$

615) $\left(x, -\frac{4}{3}\right)$ and $\left(-1, \frac{2}{3}\right)$; slope: 2

616) $\left(x, \frac{11}{8}\right)$ and $\left(-2\frac{2}{7}, -1\right)$; slope: $\frac{7}{4}$

617) $\left(x, -2\frac{2}{3}\right)$ and $\left(-\frac{3}{4}, 1\right)$; slope: undefined

618) $\left(2\frac{3}{14}, -\frac{13}{14}\right)$ and $(x, 1)$; slope: -9

619) $\left(0, 6\frac{1}{6}\right)$ and $\left(x, -\frac{4}{3}\right)$; slope: $-\frac{35}{6}$

620) $\left(-1, -1\frac{1}{3}\right)$ and $\left(x, 1\frac{1}{3}\right)$; slope: $-\frac{52}{3}$

621) $\left(x, -\frac{12}{7}\right)$ and $\left(\frac{1}{3}, \frac{3}{2}\right)$; slope: $\frac{90}{7}$

622) $\left(-\frac{3}{2}, 3\frac{1}{5}\right)$ and $(x, 1)$; slope: $-\frac{33}{5}$

623) $\left(x, -\frac{11}{13}\right)$ and $\left(\frac{3}{2}, \frac{11}{9}\right)$; slope: $\frac{44}{9}$

624) $\left(-2\frac{7}{10}, 4\frac{1}{8}\right)$ and $(x, 9)$; slope: $\frac{13}{4}$

625) $\left(x, \frac{5}{6}\right)$ and $\left(\frac{4}{3}, 2\right)$; slope: $\frac{7}{5}$

626) $\left(-1\frac{3}{4}, 2\right)$ and $\left(x, 14\frac{1}{3}\right)$; slope: $\frac{148}{9}$

627) $\left(x, -3\frac{7}{8}\right)$ and $\left(-3\frac{7}{8}, \frac{5}{3}\right)$; slope: $-\frac{133}{9}$

628) $\left(-\frac{1}{12}, -1\frac{7}{12}\right)$ and $\left(x, \frac{2}{5}\right)$; slope: $\frac{14}{5}$

629) $\left(2, -\frac{5}{3}\right)$ and $\left(x, 8\frac{5}{6}\right)$; slope: $-\frac{3}{2}$

630) $\left(\frac{1}{6}, -1\frac{1}{4}\right)$ and $\left(x, \frac{1}{3}\right)$; slope: $-\frac{19}{2}$

631) $\left(x, \frac{4}{3}\right)$ and $\left(-\frac{3}{2}, -\frac{5}{3}\right)$; slope: -12

632) $\left(-1, \frac{2}{3}\right)$ and $\left(x, -\frac{3}{5}\right)$; slope: $\frac{57}{10}$

633) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{2}{5}, -7\right)$; slope: $-\frac{25}{3}$

634) $\left(\frac{5}{9}, 1\right)$ and $\left(x, -\frac{7}{6}\right)$; slope: $-\frac{13}{6}$

635) $\left(\frac{5}{3}, 10\right)$ and $(x, -2)$; slope: 6

636) $\left(2\frac{2}{3}, -\frac{3}{14}\right)$ and $\left(x, 7\frac{1}{2}\right)$; slope: $-\frac{1053}{7}$

637) $\left(\frac{1}{2}, 5\frac{13}{14}\right)$ and $\left(x, 1\frac{3}{10}\right)$; slope: $-\frac{36}{7}$

638) $\left(x, \frac{8}{9}\right)$ and $\left(\frac{13}{9}, -\frac{7}{6}\right)$; slope: $-\frac{37}{2}$

639) $\left(1, -1\frac{1}{4}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $-\frac{8}{3}$

640) $(x, 1)$ and $\left(1, 3\frac{1}{2}\right)$; slope: 2

641) $(x, 1)$ and $\left(-\frac{1}{10}, \frac{2}{5}\right)$; slope: 6

642) $\left(x, \frac{9}{7}\right)$ and $(-1, -2)$; slope: $\frac{23}{7}$

643) $\left(-\frac{1}{2}, 2\frac{7}{12}\right)$ and $(x, -1)$; slope: $\frac{43}{2}$

644) $\left(x, -3\frac{2}{3}\right)$ and $\left(3\frac{7}{12}, \frac{2}{3}\right)$; slope: $\frac{13}{5}$

645) $\left(-\frac{4}{9}, -\frac{23}{12}\right)$ and $(x, 1)$; slope: $\frac{21}{2}$

646) $\left(4\frac{1}{4}, -\frac{1}{2}\right)$ and $(x, -10)$; slope: $-\frac{38}{5}$

647) $(x, -5)$ and $(\frac{1}{3}, -3\frac{1}{4})$; slope: $-\frac{21}{8}$

648) $(1\frac{3}{10}, 7\frac{2}{3})$ and $(x, 6\frac{1}{6})$; slope: $-\frac{55}{9}$

649) $(x, -\frac{9}{13})$ and $(-\frac{1}{6}, -\frac{23}{13})$; slope: $-\frac{12}{5}$

650) $(4\frac{3}{14}, \frac{25}{14})$ and $(x, \frac{5}{12})$; slope: $-\frac{345}{2}$

651) $(x, 1\frac{1}{4})$ and $(-\frac{5}{4}, 7\frac{3}{10})$; slope: $\frac{121}{5}$

652) $(2, 0)$ and $(x, -2\frac{3}{10})$; slope: $\frac{23}{5}$

653) $(x, -\frac{21}{11})$ and $(\frac{4}{5}, -\frac{10}{11})$; slope: $\frac{65}{2}$

654) $(x, -\frac{5}{4})$ and $(\frac{5}{4}, \frac{1}{6})$; slope: $\frac{17}{3}$

655) $(x, 4\frac{1}{2})$ and $(\frac{2}{9}, -3\frac{1}{4})$; slope: $-\frac{279}{5}$

656) $(\frac{1}{3}, \frac{19}{12})$ and $(x, 0)$; slope: $-\frac{57}{4}$

657) $(-1, -\frac{7}{4})$ and $(x, \frac{1}{4})$; slope: $\frac{8}{3}$

658) $(x, \frac{2}{3})$ and $(\frac{7}{10}, -3\frac{7}{12})$; slope: $-\frac{65}{6}$

659) $(x, 1\frac{1}{4})$ and $(-1, 3\frac{3}{4})$; slope: $-\frac{45}{8}$

660) $(x, -2\frac{1}{6})$ and $(\frac{1}{3}, 13)$; slope: $\frac{91}{8}$

661) $(1, \frac{4}{3})$ and $(x, \frac{5}{3})$; slope: $\frac{4}{3}$

662) $(\frac{1}{4}, \frac{3}{5})$ and $(x, -2)$; slope: $-\frac{4}{9}$

663) $(-\frac{1}{10}, -\frac{1}{6})$ and $(x, \frac{1}{5})$; slope: $-\frac{1}{3}$

664) $(x, \frac{1}{9})$ and $(-\frac{1}{2}, -1)$; slope: $-\frac{20}{9}$

665) $(1, \frac{3}{2})$ and $(x, -\frac{7}{4})$; slope: $-\frac{7}{2}$

666) $(\frac{2}{3}, -1)$ and $(x, 7)$; slope: -6

667) $(x, 1\frac{2}{3})$ and $(\frac{8}{9}, -\frac{5}{6})$; slope: $-\frac{9}{5}$

668) $(x, \frac{11}{7})$ and $(12, 5)$; slope: $\frac{8}{7}$

669) $(2, -3\frac{1}{12})$ and $(x, 5\frac{2}{3})$; slope: $-\frac{35}{8}$

670) $(x, \frac{1}{14})$ and $(1\frac{2}{3}, -\frac{1}{2})$; slope: $-\frac{4}{7}$

671) $(x, 8)$ and $\left(\frac{5}{3}, -2\right)$; slope: $-\frac{15}{7}$

672) $(x, -2)$ and $\left(0, 6\frac{1}{2}\right)$; slope: undefined

673) $\left(-\frac{2}{3}, 10\right)$ and $\left(x, \frac{7}{10}\right)$; slope: $\frac{279}{10}$

674) $\left(-\frac{1}{2}, \frac{7}{4}\right)$ and $\left(x, 2\frac{1}{4}\right)$; slope: $-\frac{1}{3}$

675) $(x, 1)$ and $\left(-1, -3\frac{2}{3}\right)$; slope: undefined

676) $(x, 7)$ and $\left(\frac{3}{4}, -2\frac{2}{3}\right)$; slope: $\frac{116}{3}$

677) $\left(x, 1\frac{9}{10}\right)$ and $\left(2\frac{3}{7}, 7\frac{1}{5}\right)$; slope: $\frac{91}{10}$

678) $\left(-\frac{5}{4}, -2\frac{2}{3}\right)$ and $(x, 8)$; slope: $-\frac{128}{3}$

679) $\left(2\frac{7}{11}, -10\frac{13}{14}\right)$ and $(x, -1)$; slope: $-\frac{6116}{7}$

680) $(x, -1)$ and $\left(-\frac{1}{3}, 2\frac{8}{9}\right)$; slope: $\frac{35}{3}$

681) $\left(x, \frac{1}{12}\right)$ and $\left(1\frac{2}{3}, 1\right)$; slope: $\frac{5}{8}$

682) $\left(-2\frac{3}{4}, -14\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $\frac{29}{2}$

683) $\left(x, 6\frac{5}{6}\right)$ and $\left(-1\frac{1}{3}, 5\frac{11}{12}\right)$; slope: $\frac{1}{6}$

684) $\left(-\frac{2}{9}, 7\frac{1}{2}\right)$ and $\left(x, 6\frac{1}{2}\right)$; slope: $\frac{9}{7}$

685) $\left(6\frac{3}{10}, \frac{6}{5}\right)$ and $(x, 0)$; slope: $\frac{3}{2}$

686) $\left(\frac{1}{6}, \frac{1}{6}\right)$ and $\left(x, \frac{4}{3}\right)$; slope: $\frac{7}{2}$

687) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{2}{9}, -1\frac{1}{6}\right)$; slope: $\frac{15}{7}$

688) $(x, -8)$ and $\left(\frac{4}{3}, 6\frac{7}{10}\right)$; slope: $\frac{63}{4}$

689) $\left(x, 3\frac{1}{9}\right)$ and $\left(-\frac{1}{2}, \frac{3}{2}\right)$; slope: $\frac{2}{3}$

690) $\left(x, 2\frac{3}{4}\right)$ and $\left(\frac{7}{4}, \frac{1}{2}\right)$; slope: $-\frac{9}{10}$

691) $(x, -13)$ and $\left(\frac{1}{7}, 5\frac{3}{7}\right)$; slope: $\frac{129}{8}$

692) $\left(x, 1\frac{3}{7}\right)$ and $(2, 10)$; slope: $\frac{12}{5}$

693) $\left(x, 4\frac{2}{3}\right)$ and $\left(-\frac{3}{2}, 6\frac{1}{9}\right)$; slope: $-\frac{182}{9}$

694) $\left(\frac{1}{4}, \frac{17}{9}\right)$ and $\left(x, \frac{5}{9}\right)$; slope: $-\frac{16}{9}$

695) $(x, 13)$ and $(-\frac{5}{7}, -2)$; slope: $\frac{21}{8}$

696) $(2, -2\frac{1}{2})$ and $(x, -\frac{2}{3})$; slope: $-\frac{33}{4}$

697) $(x, 4\frac{4}{7})$ and $(-3, -2)$; slope: $\frac{46}{7}$

698) $(\frac{5}{6}, -\frac{15}{8})$ and $(x, 4\frac{1}{6})$; slope: $\frac{25}{4}$

699) $(x, -\frac{1}{12})$ and $(2\frac{2}{11}, -3\frac{5}{12})$; slope: $\frac{165}{2}$

700) $(x, 0)$ and $(\frac{19}{12}, \frac{16}{9})$; slope: $\frac{16}{3}$

Find the value of y so it matches given slope:

701) $(7\frac{7}{16}, y)$ and $(\frac{17}{16}, \frac{1}{2})$; slope: $-\frac{1}{3}$

702) $(-\frac{17}{15}, \frac{5}{3})$ and $(-\frac{4}{5}, y)$; slope: $-\frac{29}{4}$

703) $(10\frac{1}{5}, y)$ and $(9\frac{5}{6}, -\frac{5}{7})$; slope: $\frac{6}{7}$

704) $(-4, \frac{1}{2})$ and $(-1, y)$; slope: $-\frac{5}{6}$

705) $(-\frac{3}{4}, y)$ and $(-\frac{5}{4}, -\frac{1}{6})$; slope: $\frac{95}{6}$

706) $(\frac{1}{12}, -\frac{5}{3})$ and $(\frac{1}{6}, y)$; slope: 58

707) $(-\frac{6}{5}, \frac{7}{5})$ and $(-1, y)$; slope: 83

708) $(1, y)$ and $(-2, 5)$; slope: -1

709) $(\frac{18}{11}, y)$ and $(2\frac{1}{2}, \frac{5}{18})$; slope: $-\frac{11}{9}$

710) $(8\frac{11}{14}, 6\frac{2}{3})$ and $(8\frac{3}{4}, y)$; slope: $-\frac{826}{9}$

711) $(\frac{5}{4}, -3\frac{1}{18})$ and $(2\frac{5}{12}, y)$; slope: $\frac{62}{7}$

712) $(\frac{6}{5}, -1\frac{8}{9})$ and $(\frac{7}{5}, y)$; slope: $\frac{40}{9}$

713) $(2, y)$ and $(2\frac{5}{6}, 1)$; slope: $-\frac{3}{7}$

714) $(-1, -\frac{1}{2})$ and $(-1\frac{4}{5}, y)$; slope: $\frac{45}{8}$

715) $(-\frac{35}{18}, y)$ and $(-1\frac{1}{4}, \frac{2}{9})$; slope: $\frac{16}{5}$

716) $(8\frac{1}{2}, y)$ and $(8\frac{7}{9}, 0)$; slope: $\frac{9}{5}$

717) $(-\frac{1}{2}, 4\frac{1}{7})$ and $(\frac{3}{14}, y)$; slope: $-\frac{43}{5}$

718) $(0, \frac{3}{10})$ and $(\frac{7}{20}, y)$; slope: $-\frac{83}{7}$

719) $\left(-1\frac{9}{20}, 3\frac{3}{5}\right)$ and $(-1, y)$; slope: $-\frac{32}{3}$

720) $\left(-\frac{2}{5}, y\right)$ and $\left(-\frac{6}{5}, 4\frac{2}{5}\right)$; slope: $-\frac{39}{8}$

721) $\left(\frac{2}{9}, y\right)$ and $\left(\frac{3}{11}, -\frac{14}{9}\right)$; slope: $-\frac{77}{5}$

722) $\left(-\frac{11}{8}, -\frac{11}{8}\right)$ and $\left(\frac{8}{5}, y\right)$; slope: $\frac{10}{7}$

723) $\left(2\frac{1}{7}, y\right)$ and $\left(2\frac{2}{13}, 2\frac{11}{12}\right)$; slope: $\frac{728}{3}$

724) $\left(-\frac{4}{3}, y\right)$ and $(-3, 0)$; slope: 0

725) $\left(4\frac{1}{4}, -1\right)$ and $\left(2\frac{1}{2}, y\right)$; slope: $-\frac{18}{7}$

726) $\left(-\frac{11}{10}, -3\frac{4}{5}\right)$ and $\left(\frac{4}{5}, y\right)$; slope: $\frac{7}{6}$

727) $\left(\frac{1}{3}, 6\frac{4}{5}\right)$ and $(1, y)$; slope: $-\frac{201}{5}$

728) $\left(\frac{4}{3}, y\right)$ and $\left(1\frac{3}{4}, 1\right)$; slope: $-\frac{6}{5}$

729) $\left(\frac{8}{13}, y\right)$ and $\left(\frac{13}{20}, -\frac{18}{13}\right)$; slope: $-\frac{835}{3}$

730) $\left(-\frac{3}{2}, \frac{7}{6}\right)$ and $\left(-1\frac{2}{3}, y\right)$; slope: $-\frac{103}{5}$

731) $(3, y)$ and $\left(\frac{15}{8}, 7\frac{5}{16}\right)$; slope: $-\frac{31}{6}$

732) $\left(1\frac{3}{4}, y\right)$ and $\left(-\frac{1}{2}, \frac{11}{8}\right)$; slope: 0

733) $(-2, y)$ and $\left(-\frac{13}{8}, -3\frac{5}{6}\right)$; slope: 0

734) $(0, 12)$ and $\left(\frac{3}{2}, y\right)$; slope: $-\frac{49}{6}$

735) $\left(2\frac{1}{4}, y\right)$ and $\left(-\frac{5}{4}, 9\frac{1}{5}\right)$; slope: $-\frac{23}{10}$

736) $\left(0, -1\frac{7}{16}\right)$ and $\left(-\frac{1}{2}, y\right)$; slope: $-\frac{47}{8}$

737) $(3, y)$ and $\left(-\frac{9}{5}, -\frac{1}{5}\right)$; slope: $\frac{27}{8}$

738) $\left(\frac{1}{5}, y\right)$ and $\left(\frac{1}{15}, -11\right)$; slope: 0

739) $\left(\frac{4}{5}, y\right)$ and $\left(\frac{13}{16}, 10\frac{1}{6}\right)$; slope: $\frac{2320}{3}$

740) $\left(\frac{5}{3}, 4\frac{11}{12}\right)$ and $\left(-1\frac{1}{6}, y\right)$; slope: $\frac{11}{4}$

741) $\left(5\frac{5}{6}, y\right)$ and $\left(\frac{1}{2}, -16\right)$; slope: $\frac{15}{4}$

742) $\left(-\frac{1}{5}, \frac{8}{5}\right)$ and $\left(-\frac{1}{2}, y\right)$; slope: $\frac{31}{3}$

743) $\left(4\frac{1}{2}, 8\frac{1}{2}\right)$ and $\left(\frac{3}{2}, y\right)$; slope: $\frac{8}{3}$

744) $\left(1\frac{1}{4}, y\right)$ and $\left(2\frac{5}{18}, -1\right)$; slope: $-\frac{9}{4}$

745) $\left(\frac{4}{3}, y\right)$ and $\left(\frac{1}{8}, 10\frac{4}{15}\right)$; slope: $-\frac{58}{5}$

746) $\left(6\frac{1}{6}, \frac{1}{5}\right)$ and $\left(4\frac{4}{9}, y\right)$; slope: $\frac{8}{5}$

747) $\left(\frac{9}{20}, 9\frac{4}{5}\right)$ and $\left(\frac{7}{12}, y\right)$; slope: $-\frac{178}{3}$

748) $\left(10\frac{4}{11}, 1\frac{11}{18}\right)$ and $\left(10\frac{7}{18}, y\right)$; slope: -77

749) $\left(-\frac{8}{5}, y\right)$ and $\left(-\frac{1}{10}, -2\right)$; slope: $-\frac{11}{6}$

750) $\left(\frac{1}{6}, 6\frac{3}{4}\right)$ and $(0, y)$; slope: $\frac{65}{2}$

751) $(-1, y)$ and $\left(-\frac{7}{4}, -\frac{2}{3}\right)$; slope: $\frac{7}{3}$

752) $\left(3\frac{1}{4}, -2\frac{7}{8}\right)$ and $(1, y)$; slope: $-\frac{10}{9}$

753) $(2, y)$ and $\left(\frac{5}{3}, \frac{3}{5}\right)$; slope: $-\frac{19}{5}$

754) $\left(\frac{11}{6}, y\right)$ and $\left(\frac{4}{3}, \frac{4}{3}\right)$; slope: $\frac{1}{6}$

755) $\left(\frac{9}{14}, 10\frac{5}{7}\right)$ and $(0, y)$; slope: $\frac{59}{9}$

756) $(2, y)$ and $\left(1, \frac{1}{2}\right)$; slope: 1

757) $\left(-\frac{3}{2}, 10\frac{3}{8}\right)$ and $\left(-\frac{3}{4}, y\right)$; slope: $-\frac{67}{6}$

758) $\left(\frac{5}{3}, y\right)$ and $\left(1\frac{7}{11}, -\frac{31}{18}\right)$; slope: $\frac{209}{6}$

759) $\left(\frac{20}{19}, y\right)$ and $\left(\frac{4}{3}, 7\frac{1}{3}\right)$; slope: $\frac{95}{4}$

760) $\left(-\frac{2}{3}, y\right)$ and $\left(-\frac{1}{6}, 0\right)$; slope: $\frac{5}{9}$

761) $\left(-\frac{12}{13}, -\frac{11}{9}\right)$ and $\left(-\frac{4}{9}, y\right)$; slope: $-\frac{13}{8}$

762) $\left(\frac{5}{9}, 7\right)$ and $(-1, y)$; slope: $\frac{39}{10}$

763) $\left(2, 10\frac{5}{6}\right)$ and $\left(\frac{5}{7}, y\right)$; slope: 7

764) $\left(-\frac{2}{3}, y\right)$ and $\left(\frac{1}{2}, -1\frac{11}{18}\right)$; slope: $\frac{1}{3}$

765) $\left(\frac{1}{3}, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{45}{4}$

766) $(6, 15)$ and $\left(-\frac{10}{13}, y\right)$; slope: $\frac{13}{6}$

767) $\left(\frac{4}{5}, \frac{3}{5}\right)$ and $(0, y)$; slope: $-\frac{3}{4}$

768) $\left(-2\frac{5}{6}, 2\frac{11}{12}\right)$ and $(-2, y)$; slope: $\frac{19}{5}$

769) $\left(-1\frac{7}{13}, y\right)$ and $\left(-\frac{3}{2}, \frac{2}{13}\right)$; slope: $-\frac{487}{5}$

770) $\left(\frac{7}{10}, \frac{5}{4}\right)$ and $\left(\frac{2}{3}, y\right)$; slope: $\frac{9}{2}$

771) $\left(\frac{4}{13}, y\right)$ and $(1, 15)$; slope: $\frac{182}{9}$

772) $\left(9\frac{3}{4}, -\frac{3}{2}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: $-\frac{3}{8}$

773) $(-1, 2)$ and $(13, y)$; slope: $\frac{1}{4}$

774) $(-2, y)$ and $\left(\frac{1}{2}, \frac{5}{3}\right)$; slope: $-\frac{5}{3}$

775) $(3, -9)$ and $(-2, y)$; slope: $-\frac{8}{5}$

776) $\left(2\frac{5}{14}, -\frac{6}{7}\right)$ and $\left(-2\frac{5}{7}, y\right)$; slope: $-\frac{1}{3}$

777) $\left(9\frac{7}{12}, y\right)$ and $\left(7\frac{11}{12}, 1\right)$; slope: $-\frac{3}{5}$

778) $\left(-\frac{3}{4}, y\right)$ and $\left(-\frac{9}{10}, 1\frac{1}{12}\right)$; slope: $\frac{55}{3}$

779) $\left(\frac{1}{6}, y\right)$ and $\left(\frac{2}{3}, -\frac{1}{2}\right)$; slope: -2

780) $\left(-\frac{1}{2}, y\right)$ and $\left(\frac{8}{19}, -2\frac{1}{2}\right)$; slope: $-\frac{19}{5}$

781) $\left(7\frac{14}{15}, y\right)$ and $\left(-3\frac{3}{10}, -\frac{4}{9}\right)$; slope: $\frac{1}{3}$

782) $\left(\frac{3}{5}, 10\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{5}{2}$

783) $\left(\frac{5}{11}, -14\right)$ and $\left(\frac{3}{7}, y\right)$; slope: $-\frac{1694}{3}$

784) $\left(2\frac{13}{14}, y\right)$ and $\left(8\frac{1}{8}, 6\frac{1}{2}\right)$; slope: $\frac{14}{9}$

785) $\left(\frac{3}{2}, y\right)$ and $\left(-\frac{1}{2}, 0\right)$; slope: 0

786) $\left(\frac{17}{15}, y\right)$ and $\left(\frac{4}{5}, -1\frac{2}{3}\right)$; slope: $\frac{43}{2}$

787) $\left(\frac{3}{8}, -\frac{7}{4}\right)$ and $\left(-2\frac{3}{4}, y\right)$; slope: $-\frac{16}{5}$

788) $\left(1\frac{1}{8}, y\right)$ and $\left(\frac{8}{9}, 7\frac{1}{6}\right)$; slope: $\frac{24}{5}$

789) $(10, y)$ and $(0, 0)$; slope: $-\frac{1}{10}$

790) $\left(\frac{1}{3}, -\frac{3}{2}\right)$ and $(-3, y)$; slope: $-\frac{3}{5}$

791) $\left(-3\frac{1}{3}, y\right)$ and $\left(-3\frac{3}{20}, -\frac{3}{2}\right)$; slope: 0

792) $(-2, y)$ and $\left(10\frac{1}{2}, 4\right)$; slope: 0

793) $\left(1\frac{6}{11}, y\right)$ and $\left(\frac{9}{5}, \frac{1}{2}\right)$; slope: $-\frac{11}{7}$

794) $(0, y)$ and $\left(\frac{3}{2}, \frac{3}{2}\right)$; slope: $-\frac{1}{6}$

795) $\left(-\frac{3}{4}, y\right)$ and $\left(\frac{3}{2}, 2\right)$; slope: $\frac{3}{4}$

796) $\left(1, -\frac{3}{4}\right)$ and $\left(\frac{4}{7}, y\right)$; slope: $-\frac{87}{4}$

797) $(0, y)$ and $\left(-\frac{1}{3}, -\frac{4}{3}\right)$; slope: $\frac{25}{7}$

798) $\left(\frac{1}{3}, y\right)$ and $\left(-1, 5\frac{6}{7}\right)$; slope: $-\frac{36}{7}$

799) $\left(\frac{4}{5}, y\right)$ and $\left(1, 1\frac{1}{3}\right)$; slope: $\frac{155}{3}$

800) $\left(3\frac{2}{3}, y\right)$ and $\left(5\frac{1}{2}, 3\frac{1}{4}\right)$; slope: 0

Find the value of x so it matches given slope:

801) $\left(x, 4\frac{1}{2}\right)$ and $\left(-1\frac{14}{15}, 9\frac{3}{4}\right)$; slope: $\frac{315}{4}$

802) $\left(1, \frac{7}{6}\right)$ and $\left(x, -\frac{5}{3}\right)$; slope: $\frac{136}{9}$

803) $\left(\frac{21}{20}, 7\frac{2}{3}\right)$ and $(x, 18)$; slope: $\frac{11780}{3}$

804) $(x, -2)$ and $\left(-\frac{1}{5}, 7\frac{2}{3}\right)$; slope: $-\frac{29}{3}$

805) $\left(-\frac{9}{5}, \frac{7}{6}\right)$ and $\left(x, 5\frac{3}{5}\right)$; slope: $\frac{38}{9}$

806) $\left(x, -1\frac{14}{15}\right)$ and $\left(\frac{1}{14}, \frac{5}{3}\right)$; slope: $-\frac{3276}{5}$

807) $\left(2\frac{2}{3}, 10\frac{5}{6}\right)$ and $(x, -11)$; slope: $-\frac{917}{8}$

808) $\left(\frac{11}{8}, 4\frac{3}{16}\right)$ and $(x, 0)$; slope: $\frac{1139}{6}$

809) $\left(x, -\frac{16}{17}\right)$ and $\left(3\frac{11}{12}, -\frac{17}{12}\right)$; slope: $-\frac{1}{7}$

810) $\left(\frac{19}{10}, 6\frac{7}{12}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{190}{7}$

811) $\left(-2, -12\frac{7}{10}\right)$ and $(x, -1)$; slope: $\frac{18}{5}$

812) $\left(x, \frac{1}{20}\right)$ and $\left(6\frac{5}{6}, 8\frac{1}{4}\right)$; slope: -6

813) $\left(\frac{2}{5}, 2\frac{2}{5}\right)$ and $(x, 2)$; slope: $-\frac{1}{4}$

814) $(0, 1)$ and $\left(x, -3\frac{1}{5}\right)$; slope: $-\frac{42}{5}$

815) $\left(x, -\frac{2}{5}\right)$ and $\left(1\frac{2}{3}, \frac{15}{8}\right)$; slope: $\frac{273}{10}$

816) $(1, 1)$ and $\left(x, 10\frac{1}{6}\right)$; slope: $\frac{33}{2}$

817) $\left(-\frac{11}{10}, -14\right)$ and $\left(x, -\frac{1}{10}\right)$; slope: undefined

818) $\left(x, \frac{3}{8}\right)$ and $\left(9\frac{5}{18}, 2\frac{4}{9}\right)$; slope: $\frac{149}{8}$

819) $\left(x, 7\frac{3}{4}\right)$ and $\left(1, 7\frac{1}{6}\right)$; slope: $-\frac{1}{3}$

820) $\left(x, 2\frac{7}{16}\right)$ and $\left(2\frac{19}{20}, 6\frac{1}{20}\right)$; slope: $\frac{289}{4}$

821) $\left(9\frac{2}{3}, \frac{1}{3}\right)$ and $\left(x, -\frac{2}{3}\right)$; slope: $\frac{1}{8}$

822) $\left(x, 4\frac{13}{14}\right)$ and $\left(\frac{4}{5}, -2\right)$; slope: undefined

823) $\left(-3\frac{1}{2}, 7\frac{15}{16}\right)$ and $\left(x, -\frac{15}{16}\right)$; slope: undefined

824) $(x, 2)$ and $\left(\frac{12}{13}, -6\right)$; slope: $-\frac{104}{7}$

825) $\left(-\frac{29}{18}, -2\frac{17}{18}\right)$ and $\left(x, 6\frac{13}{20}\right)$; slope: 157

826) $\left(-2, 8\frac{5}{8}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $-\frac{9}{8}$

827) $\left(-\frac{1}{2}, 3\frac{1}{2}\right)$ and $\left(x, \frac{13}{14}\right)$; slope: -3

828) $(x, 2)$ and $\left(-\frac{4}{3}, 19\right)$; slope: $-\frac{51}{4}$

829) $\left(2, 9\frac{5}{12}\right)$ and $\left(x, 3\frac{2}{3}\right)$; slope: $\frac{23}{8}$

830) $\left(x, -\frac{2}{3}\right)$ and $\left(-1, 1\frac{7}{15}\right)$; slope: $-\frac{32}{5}$

831) $\left(x, -\frac{1}{4}\right)$ and $\left(5\frac{11}{12}, 6\frac{1}{4}\right)$; slope: $\frac{6}{5}$

832) $\left(-\frac{3}{2}, \frac{1}{2}\right)$ and $(x, -1)$; slope: -3

833) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{7}, 6\frac{1}{2}\right)$; slope: $-\frac{7}{6}$

834) $\left(x, 2\frac{13}{14}\right)$ and $\left(\frac{8}{5}, -\frac{3}{2}\right)$; slope: -155

835) $\left(x, -\frac{3}{2}\right)$ and $\left(-\frac{4}{5}, 0\right)$; slope: $\frac{15}{7}$

836) $\left(x, 8\frac{3}{10}\right)$ and $\left(-1, \frac{7}{15}\right)$; slope: $\frac{94}{9}$

837) $\left(x, \frac{2}{3}\right)$ and $\left(\frac{1}{7}, -2\right)$; slope: $\frac{77}{9}$

838) $\left(1\frac{1}{2}, -\frac{8}{5}\right)$ and $(x, 1)$; slope: $\frac{13}{6}$

839) $(-1, -1)$ and $(x, \frac{9}{5})$; slope: $\frac{21}{5}$

840) $(-\frac{30}{17}, 4\frac{10}{17})$ and $(x, -20)$; slope: undefined

841) $(x, \frac{2}{5})$ and $(1, -2)$; slope: $-\frac{12}{5}$

842) $(x, 11)$ and $(-\frac{1}{2}, 9\frac{4}{9})$; slope: $\frac{14}{9}$

843) $(1, \frac{6}{5})$ and $(x, 1\frac{2}{3})$; slope: undefined

844) $(-\frac{7}{5}, -5)$ and $(x, 10\frac{1}{4})$; slope: undefined

845) $(x, -\frac{1}{4})$ and $(-2, 1\frac{7}{16})$; slope: $\frac{81}{8}$

846) $(x, \frac{2}{3})$ and $(-\frac{3}{2}, 7)$; slope: $\frac{76}{3}$

847) $(1, 9\frac{7}{15})$ and $(x, 7\frac{1}{6})$; slope: $\frac{23}{8}$

848) $(4\frac{1}{2}, 7\frac{3}{8})$ and $(x, -14)$; slope: undefined

849) $(-\frac{5}{3}, -2)$ and $(x, 1)$; slope: $\frac{9}{8}$

850) $(-\frac{1}{2}, 1)$ and $(x, 1\frac{19}{20})$; slope: $\frac{19}{6}$

851) $(x, -\frac{1}{4})$ and $(-1\frac{9}{10}, -16)$; slope: $\frac{945}{4}$

852) $(x, 7\frac{1}{5})$ and $(-\frac{32}{17}, 6\frac{8}{15})$; slope: undefined

853) $(\frac{17}{18}, \frac{5}{3})$ and $(x, -\frac{15}{8})$; slope: $-\frac{255}{4}$

854) $(x, 10\frac{1}{12})$ and $(0, 5\frac{5}{6})$; slope: $-\frac{85}{4}$

855) $(x, \frac{7}{20})$ and $(2\frac{1}{2}, -\frac{1}{2})$; slope: $\frac{1}{5}$

856) $(x, -1)$ and $(2, -17)$; slope: -4

857) $(x, -\frac{5}{6})$ and $(\frac{7}{12}, \frac{2}{3})$; slope: $\frac{9}{2}$

858) $(x, 8\frac{1}{16})$ and $(0, \frac{7}{8})$; slope: $-\frac{1035}{8}$

859) $(\frac{1}{6}, 18)$ and $(x, -3\frac{1}{2})$; slope: $\frac{903}{10}$

860) $(\frac{1}{2}, -1)$ and $(x, 1)$; slope: $-\frac{4}{3}$

861) $(x, -11)$ and $(-\frac{3}{2}, 7\frac{1}{2})$; slope: 37

862) $(x, 4\frac{4}{11})$ and $(-\frac{4}{3}, 15)$; slope: 27

863) $\left(x, \frac{19}{15}\right)$ and $\left(-\frac{1}{2}, -\frac{5}{9}\right)$; slope: $-\frac{164}{9}$

864) $\left(x, \frac{7}{4}\right)$ and $\left(-\frac{4}{9}, -\frac{2}{3}\right)$; slope: $-\frac{87}{8}$

865) $\left(5\frac{4}{11}, -1\frac{5}{6}\right)$ and $\left(x, 6\frac{11}{12}\right)$; slope: $\frac{55}{4}$

866) $\left(x, 5\frac{17}{18}\right)$ and $\left(-\frac{3}{4}, -\frac{3}{2}\right)$; slope: $-\frac{268}{9}$

867) $(x, 15)$ and $(-2, -1)$; slope: -128

868) $\left(x, -2\frac{6}{11}\right)$ and $\left(1\frac{3}{11}, -2\right)$; slope: $-\frac{1}{5}$

869) $\left(-1\frac{3}{10}, 6\frac{1}{15}\right)$ and $\left(x, -\frac{5}{9}\right)$; slope: $\frac{4768}{9}$

870) $\left(1, 6\frac{1}{5}\right)$ and $\left(x, \frac{13}{15}\right)$; slope: undefined

871) $\left(x, 9\frac{10}{19}\right)$ and $\left(\frac{3}{2}, -\frac{1}{12}\right)$; slope: $\frac{313}{6}$

872) $(x, 0)$ and $\left(-2, -\frac{15}{8}\right)$; slope: $\frac{75}{4}$

873) $\left(-\frac{7}{5}, -3\frac{3}{8}\right)$ and $\left(x, 3\frac{1}{2}\right)$; slope: $-\frac{275}{4}$

874) $(x, 18)$ and $\left(-\frac{3}{4}, -\frac{3}{4}\right)$; slope: $\frac{300}{7}$

875) $\left(x, \frac{7}{4}\right)$ and $\left(\frac{1}{2}, 8\frac{1}{4}\right)$; slope: undefined

876) $\left(x, \frac{4}{5}\right)$ and $\left(\frac{7}{8}, 4\frac{5}{16}\right)$; slope: $-\frac{281}{10}$

877) $\left(-\frac{3}{5}, 3\frac{2}{3}\right)$ and $\left(x, \frac{4}{3}\right)$; slope: $-\frac{35}{9}$

878) $\left(x, \frac{5}{6}\right)$ and $\left(10\frac{11}{20}, 5\frac{8}{15}\right)$; slope: $\frac{47}{8}$

879) $(x, 0)$ and $\left(2, \frac{1}{2}\right)$; slope: $\frac{1}{7}$

880) $(3, -10)$ and $\left(x, \frac{6}{5}\right)$; slope: $-\frac{448}{5}$

881) $\left(x, -3\frac{1}{3}\right)$ and $\left(3\frac{7}{12}, 1\frac{1}{12}\right)$; slope: -265

882) $(x, -18)$ and $\left(1\frac{1}{2}, 4\frac{1}{5}\right)$; slope: $-\frac{74}{5}$

883) $\left(-\frac{6}{7}, -19\right)$ and $\left(x, \frac{1}{6}\right)$; slope: $\frac{161}{3}$

884) $(x, -2)$ and $\left(1\frac{3}{8}, \frac{1}{4}\right)$; slope: $-\frac{18}{5}$

885) $\left(x, -\frac{1}{3}\right)$ and $\left(-1, 4\frac{1}{2}\right)$; slope: $-\frac{29}{5}$

886) $\left(0, \frac{4}{3}\right)$ and $\left(x, -\frac{14}{9}\right)$; slope: $-\frac{2}{7}$

887) $\left(x, -\frac{8}{5}\right)$ and $\left(1\frac{1}{5}, \frac{8}{5}\right)$; slope: $\frac{2}{7}$

888) $\left(x, -1\frac{4}{15}\right)$ and $\left(\frac{5}{6}, -\frac{1}{4}\right)$; slope: $-\frac{1}{10}$

889) $\left(x, -\frac{3}{5}\right)$ and $\left(\frac{6}{7}, 7\right)$; slope: $-\frac{19}{5}$

890) $\left(x, 2\frac{3}{4}\right)$ and $\left(-\frac{8}{5}, 10\frac{7}{12}\right)$; slope: $-\frac{47}{3}$

891) $\left(x, \frac{11}{18}\right)$ and $\left(1\frac{11}{12}, 2\frac{1}{8}\right)$; slope: $\frac{109}{6}$

892) $(2, -2)$ and $\left(x, -\frac{8}{5}\right)$; slope: $-\frac{1}{5}$

893) $\left(x, 6\frac{3}{4}\right)$ and $\left(-\frac{1}{2}, 2\frac{1}{20}\right)$; slope: -3

894) $(0, 0)$ and $(x, 1)$; slope: undefined

895) $\left(\frac{7}{4}, 0\right)$ and $(x, 1)$; slope: $\frac{3}{7}$

896) $\left(-2\frac{4}{9}, 8\frac{5}{6}\right)$ and $\left(x, -\frac{2}{3}\right)$; slope: 19

897) $\left(\frac{1}{3}, -1\right)$ and $\left(x, -\frac{3}{2}\right)$; slope: $\frac{21}{2}$

898) $\left(2, -\frac{7}{6}\right)$ and $\left(x, \frac{1}{3}\right)$; slope: -3

899) $\left(x, 1\frac{5}{6}\right)$ and $\left(-1\frac{9}{10}, -1\frac{1}{3}\right)$; slope: undefined

900) $\left(-\frac{1}{8}, -\frac{9}{5}\right)$ and $(x, -10)$; slope: $-\frac{328}{5}$

Slope - Two points - Fractions

Find the value of x so it matches given slope:

1) $\left(-\frac{3}{4}, \frac{3}{2}\right)$ and $(x, -1)$; slope: $-\frac{10}{7}$

1

2) $\left(-\frac{1}{2}, -\frac{6}{5}\right)$ and $\left(x, \frac{3}{5}\right)$; slope: $\frac{9}{5} \frac{1}{2}$

3) $\left(1\frac{1}{4}, 2\frac{1}{4}\right)$ and $\left(x, 1\frac{1}{2}\right)$; slope: $\frac{1}{7}$

-4

4) $\left(-\frac{9}{5}, -1\right)$ and $(x, 5)$; slope: $120 - 1\frac{3}{4}$

5) $\left(x, -\frac{3}{4}\right)$ and $\left(-1\frac{2}{3}, 2\right)$; slope: $-\frac{33}{8}$

-1

6) $\left(\frac{1}{2}, \frac{3}{2}\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $\frac{6}{5} \frac{4}{3}$

7) $\left(1\frac{1}{2}, \frac{1}{2}\right)$ and $\left(x, -2\frac{1}{3}\right)$; slope: $\frac{17}{6} \frac{1}{2}$

8) $\left(x, \frac{5}{3}\right)$ and $\left(1, -1\frac{1}{3}\right)$; slope: $-9\frac{2}{3}$

9) $\left(x, \frac{2}{5}\right)$ and $\left(2, \frac{3}{2}\right)$; slope: $\frac{1}{5} - 3\frac{1}{2}$

10) $\left(x, \frac{2}{3}\right)$ and $(-1, -2)$; slope: $-\frac{8}{5} - 2\frac{2}{3}$

11) $(x, 0)$ and $\left(\frac{1}{3}, -1\frac{1}{2}\right)$; slope: $\frac{9}{7} 1\frac{1}{2}$

12) $(2, 1)$ and $\left(x, 1\frac{2}{3}\right)$; slope: $-\frac{1}{9}$

-4

13) $\left(x, -2\frac{1}{2}\right)$ and $\left(-3\frac{2}{5}, \frac{1}{2}\right)$; slope: $-\frac{5}{9}$

2

14) $\left(x, \frac{2}{3}\right)$ and $\left(-\frac{1}{2}, -1\right)$; slope: $-\frac{10}{7} - \frac{5}{3}$

15) $\left(x, -\frac{2}{3}\right)$ and $\left(\frac{3}{2}, 1\frac{2}{3}\right)$; slope: $-\frac{14}{5} 2\frac{1}{3}$

16) $\left(-2\frac{1}{5}, \frac{1}{2}\right)$ and $\left(x, -3\frac{1}{4}\right)$; slope: $-\frac{75}{4}$

-2

17) $(x, 2)$ and $\left(-1, \frac{1}{2}\right)$; slope: $-\frac{3}{2}$

-2

18) $\left(\frac{5}{3}, 0\right)$ and $(x, -2)$; slope: $\frac{12}{7} \frac{1}{2}$

19) $\left(x, -3\frac{3}{4}\right)$ and $\left(4, -1\frac{3}{4}\right)$; slope: $\frac{2}{5}$

-1

20) $\left(x, \frac{5}{4}\right)$ and $\left(2\frac{1}{3}, 2\frac{1}{2}\right)$; slope: $\frac{5}{4} 1\frac{1}{3}$

21) $(x, -5)$ and $\left(2\frac{1}{2}, \frac{2}{3}\right)$; slope: $\frac{34}{3}$

2

22) $\left(-2\frac{1}{4}, 2\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: $-\frac{56}{3}$

-2

23) $\left(x, \frac{9}{5}\right)$ and $\left(1, \frac{2}{5}\right)$; slope: $-\frac{21}{5}$

24) $\left(-\frac{4}{5}, -3\frac{1}{4}\right)$ and $\left(x, -1\frac{3}{4}\right)$; slope: $-\frac{15}{2}$

-1

25) $(x, 2)$ and $\left(1\frac{3}{4}, \frac{1}{2}\right)$; slope: $-3\frac{1}{4}$

26) $\left(x, -\frac{5}{3}\right)$ and $(-1, 2)$; slope: $\frac{11}{7}$

27) $\left(x, 1\frac{1}{4}\right)$ and $\left(-2\frac{3}{4}, \frac{1}{2}\right)$; slope: $\frac{15}{7}$

28) $\left(x, \frac{3}{4}\right)$ and $\left(-2\frac{1}{3}, \frac{3}{2}\right)$; slope: $-\frac{9}{10}$

29) $(x, 1)$ and $\left(-\frac{3}{4}, -2\frac{1}{2}\right)$; slope: -14

30) $\left(1, \frac{3}{2}\right)$ and $(x, -1)$; slope: $\frac{5}{6}$

-1

-2

31) $(x, -1)$ and $\left(-1, \frac{1}{3}\right)$; slope: $-\frac{8}{9}$

32) $\left(-2, -\frac{2}{3}\right)$ and $\left(x, \frac{1}{3}\right)$; slope: $-\frac{5}{9}$

33) $(x, 2)$ and $\left(2\frac{1}{5}, 1\right)$; slope: -5

34) $\left(-2\frac{2}{5}, -\frac{7}{4}\right)$ and $(x, 3)$; slope: $-\frac{15}{4}$

2

35) $(x, 0)$ and $\left(-1\frac{3}{4}, -2\frac{1}{4}\right)$; slope: $\frac{27}{5}$

36) $\left(x, \frac{1}{2}\right)$ and $\left(1\frac{1}{3}, -2\frac{2}{3}\right)$; slope: $-\frac{19}{6}$

37) $\left(x, \frac{1}{3}\right)$ and $\left(-\frac{3}{2}, \frac{4}{3}\right)$; slope: -2

38) $\left(1, -3\frac{2}{3}\right)$ and $(x, 2)$; slope: $-\frac{17}{10}$

-1

39) $(-1, 1)$ and $\left(x, -2\frac{3}{4}\right)$; slope: $-\frac{15}{4}$

40) $\left(-2, \frac{3}{2}\right)$ and $\left(x, -3\frac{3}{4}\right)$; slope: $-\frac{3}{2}$

0

41) $\left(x, \frac{1}{4}\right)$ and $\left(\frac{1}{3}, -\frac{7}{4}\right)$; slope: $-\frac{12}{5}$

42) $\left(-\frac{5}{3}, \frac{2}{3}\right)$ and $\left(x, \frac{4}{5}\right)$; slope: $\frac{1}{10}$

43) $\left(x, -3\frac{3}{4}\right)$ and $\left(\frac{1}{3}, 2\right)$; slope: $\frac{23}{4}$

44) $(-1, -3)$ and $\left(x, \frac{4}{3}\right)$; slope: $\frac{26}{9}$

45) $\left(-1\frac{1}{3}, 1\frac{1}{3}\right)$ and $\left(x, -2\frac{1}{2}\right)$; slope: $\frac{46}{5}$

46) $\left(x, -\frac{2}{5}\right)$ and $\left(-\frac{1}{2}, \frac{3}{5}\right)$; slope: $-\frac{2}{5}$

2

47) $\left(x, -1\frac{1}{5}\right)$ and $(1, 2)$; slope: $-\frac{16}{5}$

2

49) $\left(x, \frac{1}{4}\right)$ and $\left(\frac{1}{2}, 0\right)$; slope: $-\frac{1}{8}$

 $-\frac{1}{2}$

51) $(0, 5)$ and $\left(x, -2\frac{1}{2}\right)$; slope: $-\frac{9}{2}$

 $-\frac{5}{3}$

53) $\left(x, \frac{4}{5}\right)$ and $\left(\frac{3}{2}, -2\right)$; slope: $\frac{28}{9}$

 $-\frac{2}{5}$

55) $\left(-\frac{1}{2}, 0\right)$ and $(x, 1)$; slope: $-\frac{2}{9}$

-5

57) $\left(-1\frac{2}{3}, -2\right)$ and $\left(x, 2\frac{2}{5}\right)$; slope: $\frac{33}{10}$

 $-\frac{1}{3}$

59) $\left(x, -3\frac{1}{2}\right)$ and $\left(-2, -2\frac{4}{5}\right)$; slope: $-\frac{7}{5}$

 $-\frac{3}{2}$

61) $\left(x, \frac{2}{5}\right)$ and $(-2, -2)$; slope: -2

 $-\frac{3}{5}$

63) $\left(-1, -1\frac{3}{4}\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: $\frac{1}{8}$

 $-\frac{1}{3}$

65) $\left(x, -\frac{1}{2}\right)$ and $\left(-\frac{8}{5}, 1\frac{1}{5}\right)$; slope: $\frac{17}{6}$

 $-\frac{2}{5}$

67) $\left(2\frac{1}{4}, -5\right)$ and $\left(x, -1\frac{1}{3}\right)$; slope: $-\frac{44}{7}$

 $-\frac{2}{3}$

69) $\left(x, -3\frac{1}{2}\right)$ and $\left(-1\frac{3}{4}, -2\frac{2}{5}\right)$; slope: $-\frac{22}{5}$

 $-\frac{1}{2}$

48) $\left(-\frac{3}{4}, \frac{3}{4}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{2}{7}$

 $-\frac{2}{2}$

50) $\left(x, \frac{3}{5}\right)$ and $\left(\frac{1}{5}, -2\right)$; slope: $\frac{39}{7}$

 $-\frac{2}{3}$

52) $\left(-\frac{1}{2}, -\frac{3}{2}\right)$ and $\left(x, 1\frac{1}{3}\right)$; slope: $-\frac{17}{6}$

 $-\frac{3}{2}$

54) $\left(2\frac{1}{3}, -3\frac{1}{3}\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: $-\frac{5}{3}$

 $-\frac{1}{3}$

56) $\left(x, 2\frac{3}{4}\right)$ and $\left(-\frac{1}{3}, 1\right)$; slope: $\frac{21}{10}$

 $-\frac{1}{2}$

58) $\left(\frac{5}{3}, -2\frac{1}{3}\right)$ and $(x, -1)$; slope: 4

2

60) $\left(1, \frac{2}{5}\right)$ and $\left(x, -1\frac{3}{4}\right)$; slope: $-\frac{43}{10}$

 $-\frac{1}{2}$

62) $\left(\frac{1}{3}, 3\right)$ and $\left(x, -3\frac{4}{5}\right)$; slope: 51

 $-\frac{1}{5}$

64) $(3, -1)$ and $\left(x, 1\frac{1}{2}\right)$; slope: $-\frac{5}{4}$

1

66) $(x, 0)$ and $\left(\frac{1}{2}, 1\frac{3}{4}\right)$; slope: $-\frac{7}{4}$

 $-\frac{1}{2}$

68) $(x, -1)$ and $\left(2\frac{1}{2}, \frac{1}{3}\right)$; slope: $\frac{2}{3}$

 $-\frac{1}{2}$

70) $\left(x, \frac{7}{5}\right)$ and $\left(\frac{2}{5}, 2\frac{1}{5}\right)$; slope: $-\frac{4}{3}$

1

71) $\left(x, -2\frac{1}{2}\right)$ and $\left(-\frac{1}{3}, \frac{1}{2}\right)$; slope: $-\frac{18}{5}$ $\frac{1}{2}$

72) $\left(-2\frac{2}{5}, -1\frac{1}{2}\right)$ and $\left(x, -\frac{2}{3}\right)$; slope: $-\frac{25}{3}$ $-2\frac{1}{2}$

73) $\left(-2, 1\frac{1}{2}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{4}{3}$ $-\frac{5}{4}$

74) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{4}, 2\frac{1}{4}\right)$; slope: -3 $1\frac{1}{2}$

75) $\left(x, 2\frac{1}{2}\right)$ and $(-2, 2)$; slope: $\frac{2}{9}$ $\frac{1}{4}$

76) $\left(x, 2\frac{2}{3}\right)$ and $\left(-3\frac{1}{2}, -2\frac{1}{3}\right)$; slope: -10

-4

77) $(x, -1)$ and $\left(\frac{1}{3}, 0\right)$; slope: $-\frac{6}{7}$ $\frac{3}{2}$

78) $\left(-\frac{1}{2}, -3\frac{1}{2}\right)$ and $(x, -2)$; slope: $\frac{1}{2}$ $2\frac{1}{2}$

79) $\left(-\frac{1}{3}, 0\right)$ and $\left(x, \frac{2}{3}\right)$; slope: $-\frac{1}{4}$

80) $\left(\frac{3}{4}, 2\right)$ and $\left(x, -3\frac{1}{2}\right)$; slope: $\frac{110}{3}$ $\frac{3}{5}$

-3

81) $\left(x, \frac{1}{2}\right)$ and $\left(-\frac{6}{5}, \frac{2}{5}\right)$; slope: $-\frac{1}{8}$

82) $\left(-3\frac{4}{5}, \frac{1}{3}\right)$ and $\left(x, 2\frac{1}{5}\right)$; slope: $\frac{14}{9}$ $-2\frac{3}{5}$

-2

83) $(x, 1)$ and $\left(\frac{3}{2}, 2\right)$; slope: $\frac{2}{5}$

84) $\left(-\frac{6}{5}, -2\frac{1}{2}\right)$ and $\left(x, -1\frac{1}{2}\right)$; slope: -20 $-1\frac{1}{4}$

-1

85) $\left(x, \frac{9}{5}\right)$ and $\left(-1, 1\frac{1}{2}\right)$; slope: $-\frac{1}{10}$

86) $\left(\frac{8}{5}, -2\right)$ and $(x, -4)$; slope: $\frac{5}{4}$

-4

0

87) $\left(-\frac{1}{2}, -\frac{4}{5}\right)$ and $(x, 2)$; slope: $-\frac{14}{5}$ $-1\frac{1}{2}$

88) $\left(x, -3\frac{1}{2}\right)$ and $\left(-\frac{1}{4}, 1\frac{1}{2}\right)$; slope: 10 $-\frac{3}{4}$

89) $\left(x, 1\frac{1}{4}\right)$ and $\left(2\frac{1}{4}, 2\frac{3}{4}\right)$; slope: $\frac{3}{7}$ $-1\frac{1}{4}$

90) $\left(-3\frac{1}{2}, \frac{1}{2}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{3}{2}$ $-3\frac{2}{3}$

91) $(x, -1)$ and $\left(-2\frac{1}{4}, 2\frac{1}{4}\right)$; slope: 13 $-2\frac{1}{2}$

92) $\left(-2, -\frac{8}{5}\right)$ and $\left(x, -2\frac{3}{5}\right)$; slope: -1

-1

93) $\left(-1\frac{2}{5}, \frac{1}{2}\right)$ and $(x, -3)$; slope: $-\frac{7}{6}$ $1\frac{3}{5}$

94) $\left(-1\frac{1}{2}, \frac{3}{2}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $-\frac{1}{3}$ $2\frac{1}{4}$

95) $\left(-2, -\frac{1}{2}\right)$ and $\left(x, -3\frac{1}{3}\right)$; slope: $-\frac{17}{9} - \frac{1}{2}$

96) $\left(2, -2\frac{2}{5}\right)$ and $(x, -2)$; slope: $-\frac{4}{5} \frac{3}{2}$

97) $\left(-\frac{9}{5}, -3\frac{3}{4}\right)$ and $\left(x, -\frac{3}{2}\right)$; slope: $\frac{9}{8} \frac{1}{5}$

98) $(-2, 0)$ and $\left(x, 2\frac{3}{4}\right)$; slope: $\frac{33}{4} - \frac{5}{3}$

99) $\left(\frac{3}{4}, -1\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $\frac{14}{5}$

100) $\left(x, -\frac{4}{3}\right)$ and $\left(\frac{5}{4}, -1\right)$; slope: $\frac{1}{6} - \frac{3}{4}$

2

Find the value of y so it matches given slope:

101) $\left(-\frac{3}{2}, -1\right)$ and $\left(-\frac{5}{4}, y\right)$; slope: $-10 - 3\frac{1}{2}$

102) $\left(-\frac{1}{2}, y\right)$ and $\left(-\frac{3}{2}, -1\right)$; slope: $\frac{15}{4} 2\frac{3}{4}$

103) $\left(\frac{4}{5}, -\frac{2}{3}\right)$ and $\left(\frac{3}{5}, y\right)$; slope: $-\frac{34}{3} \frac{8}{5}$

104) $\left(1, 2\frac{1}{3}\right)$ and $\left(\frac{2}{5}, y\right)$; slope: $\frac{59}{9} - \frac{8}{5}$

105) $\left(2\frac{2}{3}, -3\frac{3}{5}\right)$ and $\left(2\frac{3}{4}, y\right)$; slope: $\frac{316}{5} 1\frac{2}{3}$

106) $\left(-\frac{2}{5}, -1\frac{1}{4}\right)$ and $\left(-2\frac{2}{3}, y\right)$; slope: $\frac{5}{8} - 2\frac{2}{3}$

107) $(-5, -2)$ and $\left(1\frac{3}{4}, y\right)$; slope: $-\frac{2}{9} - 3\frac{1}{2}$

108) $(-1, y)$ and $\left(-\frac{5}{3}, 0\right)$; slope: $\frac{9}{4} 1\frac{1}{2}$

109) $\left(-1\frac{1}{2}, y\right)$ and $\left(-\frac{1}{2}, 2\frac{3}{4}\right)$; slope: $\frac{1}{2} 2\frac{1}{4}$

110) $\left(-2\frac{1}{2}, y\right)$ and $\left(-1\frac{3}{4}, 1\frac{3}{4}\right)$; slope: $\frac{33}{5} - 3\frac{1}{5}$

111) $\left(\frac{2}{3}, y\right)$ and $\left(1\frac{1}{2}, 0\right)$; slope: $\frac{12}{5}$

112) $\left(\frac{1}{2}, \frac{5}{4}\right)$ and $(-1, y)$; slope: $\frac{5}{6}$

-2

0

113) $\left(\frac{1}{4}, y\right)$ and $\left(1\frac{1}{2}, -3\frac{1}{2}\right)$; slope: $-\frac{8}{5} - 1\frac{1}{2}$

114) $\left(\frac{9}{5}, -\frac{5}{3}\right)$ and $\left(-\frac{6}{5}, y\right)$; slope: $-1\frac{4}{3}$

115) $\left(-1\frac{1}{2}, y\right)$ and $\left(-2, -\frac{1}{5}\right)$; slope: $-\frac{13}{5} - \frac{3}{2}$

116) $(1, 5)$ and $\left(-2\frac{1}{2}, y\right)$; slope: $1\frac{3}{2}$

117) $\left(2\frac{3}{5}, 0\right)$ and $(2, y)$; slope: $\frac{8}{3} - \frac{8}{5}$

118) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{1}{5}, 1\frac{4}{5}\right)$; slope: $\frac{19}{6} 2\frac{3}{4}$

$$119) \left(-\frac{2}{5}, -1\right) \text{ and } \left(-\frac{9}{5}, y\right); \text{ slope: } -\frac{5}{2} \frac{2}{2} \frac{1}{2}$$

$$120) \left(\frac{1}{2}, y\right) \text{ and } \left(\frac{4}{3}, -2\right); \text{ slope: } -\frac{24}{5}$$

2

$$121) \left(\frac{1}{2}, 1\frac{1}{2}\right) \text{ and } \left(\frac{3}{5}, y\right); \text{ slope: } -35$$

$$122) \left(\frac{3}{5}, -\frac{7}{4}\right) \text{ and } \left(\frac{3}{2}, y\right); \text{ slope: } \frac{10}{3} \frac{5}{4}$$

-2

$$123) \left(-\frac{1}{2}, -\frac{1}{5}\right) \text{ and } (-1, y); \text{ slope: } -\frac{17}{5} \frac{1}{2}$$

$$124) \left(-\frac{1}{3}, y\right) \text{ and } \left(-2\frac{1}{3}, -2\right); \text{ slope: } \frac{6}{5} \frac{2}{5}$$

$$125) \left(1\frac{1}{4}, -\frac{2}{3}\right) \text{ and } (0, y); \text{ slope: } -\frac{8}{5} \frac{4}{3}$$

$$126) \left(1\frac{2}{5}, y\right) \text{ and } \left(\frac{1}{2}, 1\right); \text{ slope: } -\frac{10}{3}$$

-2

$$127) \left(2\frac{1}{3}, y\right) \text{ and } \left(1\frac{2}{3}, -\frac{3}{2}\right); \text{ slope: } \frac{9}{4}$$

$$128) \left(-3\frac{1}{4}, -\frac{1}{2}\right) \text{ and } \left(\frac{1}{2}, y\right); \text{ slope: } \frac{1}{5} \frac{1}{4}$$

0

$$129) (-3, 0) \text{ and } (2, y); \text{ slope: } \frac{9}{10} \frac{4}{2} \frac{1}{2}$$

$$130) \left(-2\frac{2}{3}, 0\right) \text{ and } \left(\frac{2}{3}, y\right); \text{ slope: } \frac{4}{5} \frac{2}{3} \frac{2}{3}$$

$$131) (0, 0) \text{ and } \left(\frac{4}{5}, y\right); \text{ slope: } -\frac{9}{2} -3 \frac{3}{5}$$

$$132) \left(\frac{3}{2}, y\right) \text{ and } \left(1\frac{1}{3}, 2\frac{1}{2}\right); \text{ slope: } -\frac{27}{5} \frac{8}{5}$$

$$133) \left(-\frac{1}{2}, \frac{1}{2}\right) \text{ and } \left(-\frac{7}{5}, y\right); \text{ slope: } -\frac{35}{9}$$

$$134) \left(-\frac{1}{2}, y\right) \text{ and } \left(2, -1\frac{1}{2}\right); \text{ slope: } -\frac{17}{10} \frac{3}{4}$$

4

$$135) \left(0, -3\frac{1}{2}\right) \text{ and } \left(-\frac{8}{5}, y\right); \text{ slope: } -\frac{5}{8} -2 \frac{1}{2}$$

$$136) (1, y) \text{ and } \left(2\frac{1}{2}, -2\right); \text{ slope: } -1 -\frac{1}{2}$$

$$137) \left(-2, \frac{3}{5}\right) \text{ and } \left(-\frac{6}{5}, y\right); \text{ slope: } -2$$

$$138) \left(-1\frac{1}{3}, y\right) \text{ and } \left(-1\frac{1}{2}, -1\right); \text{ slope: } -\frac{36}{5} -2 \frac{1}{5}$$

-1

$$139) \left(-1\frac{3}{4}, 1\frac{2}{5}\right) \text{ and } \left(-\frac{2}{5}, y\right); \text{ slope: } -\frac{7}{3} -1 \frac{3}{4}$$

$$140) \left(-2\frac{3}{4}, y\right) \text{ and } (-1, 2); \text{ slope: } \frac{22}{7} -3 \frac{1}{2}$$

$$141) \left(-2\frac{1}{3}, y\right) \text{ and } \left(-2, -2\frac{1}{2}\right); \text{ slope: } -\frac{33}{4} \frac{1}{4}$$

$$142) \left(-2\frac{1}{4}, 1\right) \text{ and } \left(\frac{3}{2}, y\right); \text{ slope: } \frac{1}{5} \frac{7}{4}$$

143) $\left(2\frac{3}{4}, -\frac{1}{2}\right)$ and $(2, y)$; slope: $\frac{22}{9} - 2\frac{1}{3}$

144) $\left(\frac{3}{4}, y\right)$ and $(-1, -2)$; slope: $\frac{10}{7} - 1\frac{1}{2}$

145) $\left(-\frac{3}{4}, -2\frac{2}{3}\right)$ and $\left(-\frac{1}{4}, y\right)$; slope: $\frac{35}{6} - 1\frac{1}{4}$

146) $\left(\frac{3}{5}, y\right)$ and $\left(2, -\frac{1}{2}\right)$; slope: $-\frac{10}{7} - 1\frac{1}{2}$

147) $(1, y)$ and $\left(\frac{4}{5}, -\frac{3}{2}\right)$; slope: $-\frac{25}{4} - 2\frac{3}{4}$

148) $\left(\frac{3}{5}, 2\frac{1}{3}\right)$ and $\left(\frac{9}{5}, y\right)$; slope: $-\frac{5}{9} - \frac{5}{3}$

149) $\left(-\frac{3}{2}, y\right)$ and $(-1, -4)$; slope: -14

150) $\left(\frac{1}{2}, y\right)$ and $\left(1\frac{1}{5}, -1\right)$; slope: $\frac{2}{7} - 1\frac{1}{5}$

3

151) $\left(-\frac{7}{5}, y\right)$ and $\left(0, \frac{7}{4}\right)$; slope: $\frac{20}{7} - 2\frac{1}{4}$

152) $\left(-1\frac{1}{2}, \frac{5}{4}\right)$ and $(-3, y)$; slope: $\frac{7}{6} - \frac{1}{2}$

153) $\left(-1, -1\frac{1}{4}\right)$ and $(-2, y)$; slope: $-\frac{5}{2} - 1\frac{1}{4}$

154) $(2, y)$ and $\left(5\frac{1}{2}, 2\right)$; slope: $\frac{6}{7}$

-1

155) $\left(-3\frac{1}{4}, y\right)$ and $\left(-2, 2\frac{1}{4}\right)$; slope: $\frac{7}{5} - 1\frac{1}{4}$

156) $\left(\frac{3}{4}, \frac{1}{2}\right)$ and $(0, y)$; slope: $\frac{10}{9} - \frac{1}{3}$

157) $\left(1\frac{1}{2}, y\right)$ and $\left(\frac{2}{5}, -\frac{4}{3}\right)$; slope: $-\frac{4}{3} - 2\frac{4}{5}$

158) $\left(-\frac{1}{4}, y\right)$ and $\left(0, -\frac{3}{2}\right)$; slope: $-4 - \frac{1}{2}$

159) $\left(-3\frac{1}{2}, 0\right)$ and $\left(2\frac{4}{5}, y\right)$; slope: $-\frac{2}{7} - 1\frac{4}{5}$

160) $\left(\frac{3}{2}, y\right)$ and $\left(\frac{5}{4}, -\frac{3}{5}\right)$; slope: $\frac{12}{5}$

0

161) $\left(\frac{4}{5}, y\right)$ and $(0, 2)$; slope: $-\frac{19}{4} - \frac{9}{5}$

162) $\left(2\frac{2}{3}, -1\frac{2}{3}\right)$ and $(2, y)$; slope: $-6 - 2\frac{1}{3}$

163) $\left(1, -2\frac{3}{5}\right)$ and $(0, y)$; slope: $-\frac{22}{5} - \frac{9}{5}$

164) $\left(0, 5\frac{1}{4}\right)$ and $\left(-\frac{1}{5}, y\right)$; slope: $\frac{85}{4}$

1

165) $(0, -1)$ and $\left(-\frac{1}{2}, y\right)$; slope: $-\frac{20}{3} - 2\frac{1}{3}$

166) $\left(-1, \frac{3}{2}\right)$ and $\left(-2\frac{1}{2}, y\right)$; slope: $2 - \frac{3}{2}$

167) $\left(\frac{1}{4}, y\right)$ and $\left(-\frac{4}{5}, -2\right)$; slope: $\frac{20}{7}$

1

169) $\left(-\frac{2}{5}, y\right)$ and $\left(\frac{1}{2}, -3\frac{1}{2}\right)$; slope: $-\frac{59}{9}2\frac{2}{5}$

171) $\left(\frac{1}{3}, y\right)$ and $\left(1\frac{1}{2}, -2\right)$; slope: $-\frac{24}{7}$

2

173) $\left(-\frac{5}{3}, y\right)$ and $\left(-2\frac{1}{2}, 2\right)$; slope: $-\frac{9}{2}-1\frac{3}{4}$

175) $(4, y)$ and $\left(1\frac{1}{4}, \frac{1}{4}\right)$; slope: $-\frac{3}{5}-\frac{7}{5}$

177) $\left(\frac{1}{2}, -\frac{8}{5}\right)$ and $(1, y)$; slope: $\frac{57}{10}5\frac{4}{5}$

179) $\left(\frac{3}{5}, -2\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $-25\frac{1}{2}$

181) $\left(\frac{1}{5}, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{125}{9}2\frac{2}{3}$

183) $(-2, y)$ and $\left(-1\frac{3}{4}, -\frac{5}{4}\right)$; slope: $-\frac{21}{5}-\frac{1}{5}$

185) $(2, y)$ and $\left(1, -1\frac{4}{5}\right)$; slope: $\frac{9}{5}$

0

187) $(0, 0)$ and $\left(\frac{1}{3}, y\right)$; slope: $\frac{6}{5}2\frac{2}{5}$

189) $\left(\frac{3}{5}, y\right)$ and $\left(-2, -\frac{8}{5}\right)$; slope: 1

1

168) $\left(\frac{1}{2}, y\right)$ and $\left(1\frac{1}{2}, \frac{9}{5}\right)$; slope: $\frac{24}{5}$

-3

170) $\left(-2, -1\frac{1}{2}\right)$ and $(2, y)$; slope: $\frac{1}{8}$

-1

172) $\left(-1\frac{1}{3}, \frac{1}{3}\right)$ and $\left(-\frac{2}{5}, y\right)$; slope: $\frac{10}{7}5\frac{5}{3}$

174) $\left(2\frac{1}{5}, -2\frac{3}{5}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: $-\frac{107}{9}2\frac{3}{4}$

176) $\left(-\frac{5}{4}, y\right)$ and $\left(-2, -1\frac{1}{3}\right)$; slope: $-\frac{8}{9}$

-2

178) $\left(-1\frac{1}{2}, y\right)$ and $\left(-1\frac{1}{4}, \frac{2}{3}\right)$; slope: $-\frac{16}{3}$

2

180) $(-2, -3)$ and $\left(-1\frac{1}{5}, y\right)$; slope: $\frac{19}{4}4\frac{4}{5}$

182) $\left(-1\frac{3}{4}, y\right)$ and $\left(1\frac{1}{2}, 4\frac{1}{2}\right)$; slope: 2

-2

184) $(0, y)$ and $(-1, 4)$; slope: $-\frac{4}{3}2\frac{2}{3}$

186) $(0, y)$ and $(-1, -2)$; slope: $-\frac{3}{2}-3\frac{1}{2}$

188) $\left(2\frac{1}{2}, 2\frac{1}{4}\right)$ and $\left(\frac{1}{4}, y\right)$; slope: $\frac{1}{9}$

2

190) $\left(\frac{1}{4}, -2\right)$ and $(2, y)$; slope: $\frac{6}{7}-\frac{1}{2}$

191) $(4, 1)$ and $(-\frac{6}{5}, y)$; slope: $\frac{5}{6} - 3\frac{1}{3}$

192) $(-1\frac{1}{2}, y)$ and $(-\frac{4}{3}, 2\frac{1}{2})$; slope: $23 - \frac{4}{3}$

193) $(\frac{1}{2}, -1)$ and $(\frac{3}{5}, y)$; slope: $14\frac{2}{5}$

194) $(1\frac{1}{3}, y)$ and $(\frac{3}{4}, \frac{1}{3})$; slope: $-7 - 3\frac{3}{4}$

195) $(1\frac{2}{3}, y)$ and $(2\frac{1}{4}, -3\frac{1}{3})$; slope: $-\frac{16}{7}$

196) $(-2\frac{2}{5}, y)$ and $(-2, -2\frac{3}{4})$; slope: $-\frac{63}{8}\frac{2}{5}$

 -2

197) $(\frac{4}{5}, y)$ and $(\frac{4}{3}, -2\frac{1}{3})$; slope: $-\frac{35}{8}$

198) $(\frac{1}{3}, y)$ and $(\frac{1}{2}, \frac{6}{5})$; slope: $-\frac{36}{5}2\frac{2}{5}$

 0

199) $(1, -3\frac{3}{4})$ and $(\frac{3}{4}, y)$; slope: $-9 - \frac{3}{2}$

200) $(\frac{1}{2}, \frac{2}{3})$ and $(-1\frac{4}{5}, y)$; slope: $\frac{5}{6} - \frac{5}{4}$

Find the value of x so it matches given slope:

201) $(x, 2\frac{2}{3})$ and $(1\frac{5}{6}, -5)$; slope: 46

202) $(\frac{2}{3}, \frac{8}{5})$ and $(x, -1\frac{1}{5})$; slope: $-\frac{21}{5}1\frac{1}{3}$

 2

203) $(-\frac{8}{7}, -\frac{1}{5})$ and $(x, \frac{5}{3})$; slope: $-\frac{392}{5} - \frac{7}{6}$

204) $(\frac{1}{2}, -2\frac{2}{3})$ and $(x, -1)$; slope: $\frac{50}{9}\frac{4}{5}$

205) $(\frac{1}{2}, \frac{4}{5})$ and $(x, \frac{1}{4})$; slope: $-\frac{11}{5}3\frac{4}{5}$

206) $(x, \frac{5}{3})$ and $(\frac{1}{2}, \frac{13}{7})$; slope: $-\frac{2}{7}1\frac{1}{6}$

207) $(x, 2\frac{1}{4})$ and $(\frac{1}{2}, -\frac{2}{5})$; slope: $-\frac{159}{10}3\frac{1}{3}$

208) $(x, -6)$ and $(\frac{11}{6}, 1)$; slope: $\frac{21}{8} - \frac{5}{6}$

209) $(x, -1\frac{1}{3})$ and $(\frac{1}{6}, -\frac{3}{4})$; slope: undefined $\frac{1}{6}$

210) $(1\frac{2}{7}, 1\frac{1}{7})$ and $(x, 2)$; slope: $\frac{3}{4}2\frac{3}{7}$

211) $(x, -1\frac{2}{5})$ and $(-\frac{1}{3}, 1)$; slope: $-\frac{24}{5}1\frac{1}{6}$

212) $(-\frac{2}{3}, -\frac{5}{3})$ and $(x, 1)$; slope: $-\frac{16}{7} - 1\frac{5}{6}$

213) $(x, 1)$ and $(\frac{8}{5}, 2\frac{2}{3})$; slope: undefined $\frac{8}{5}$

214) $(-\frac{3}{4}, 3\frac{1}{2})$ and $(x, 1)$; slope: $-\frac{5}{9}3\frac{3}{4}$

215) $\left(x, 3\frac{1}{3}\right)$ and $\left(2\frac{1}{2}, 2\right)$; slope: $-\frac{2}{5}-\frac{5}{6}$

216) $\left(\frac{4}{3}, -1\frac{3}{4}\right)$ and $(x, 6)$; slope: undefined $\frac{4}{3}$

217) $\left(\frac{3}{2}, 0\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{3}{2}1\frac{1}{6}$

218) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{3}{4}, -\frac{3}{2}\right)$; slope: $-\frac{8}{9}-1\frac{1}{2}$

219) $\left(x, \frac{1}{3}\right)$ and $\left(2, -2\frac{1}{3}\right)$; slope: $-\frac{1}{2}-3\frac{1}{3}$

220) $\left(x, 3\frac{1}{2}\right)$ and $\left(\frac{5}{3}, -2\right)$; slope: $-\frac{33}{8}1\frac{1}{3}$

221) $\left(x, -2\frac{1}{4}\right)$ and $\left(1, \frac{7}{6}\right)$; slope: $-\frac{41}{8}5\frac{5}{3}$

222) $\left(\frac{8}{7}, -2\frac{1}{6}\right)$ and $\left(x, -3\frac{2}{3}\right)$; slope: $\frac{21}{10}3\frac{3}{7}$

223) $\left(\frac{7}{4}, -3\frac{1}{2}\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: $-2\frac{4}{3}$

224) $\left(-\frac{3}{2}, -1\frac{3}{4}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: 5

-1

225) $\left(\frac{12}{7}, -1\right)$ and $\left(x, \frac{2}{7}\right)$; slope: $\frac{12}{5}2\frac{1}{4}$

226) $(x, 3)$ and $\left(-2\frac{1}{3}, -\frac{6}{5}\right)$; slope: $-\frac{42}{5}-2\frac{5}{6}$

227) $\left(x, 2\frac{2}{5}\right)$ and $\left(-\frac{3}{2}, 3\frac{1}{2}\right)$; slope: $-\frac{11}{5}$

228) $\left(x, \frac{3}{4}\right)$ and $\left(3\frac{1}{2}, 0\right)$; slope: $-\frac{3}{10}$

-1

1

229) $\left(1\frac{2}{7}, 1\frac{2}{7}\right)$ and $\left(x, \frac{1}{2}\right)$; slope: $-\frac{33}{2}1\frac{1}{3}$

230) $(x, -1)$ and $\left(-\frac{5}{4}, 2\right)$; slope: 4

-2

231) $\left(x, 4\frac{1}{4}\right)$ and $\left(\frac{3}{2}, 3\frac{1}{4}\right)$; slope: $-6\frac{4}{3}$

232) $\left(-\frac{5}{4}, 3\frac{1}{2}\right)$ and $(x, 0)$; slope: $14-1\frac{1}{2}$

233) $\left(x, -2\frac{3}{4}\right)$ and $\left(-\frac{10}{7}, \frac{6}{7}\right)$; slope: $\frac{3}{2}-3\frac{5}{6}$

234) $\left(x, -2\frac{4}{5}\right)$ and $\left(\frac{1}{4}, 2\frac{5}{6}\right)$; slope: $\frac{338}{3}1\frac{1}{5}$

235) $\left(x, \frac{1}{2}\right)$ and $\left(-1\frac{6}{7}, -1\frac{2}{3}\right)$; slope: $-\frac{13}{6}-2\frac{6}{7}$

236) $\left(\frac{7}{4}, 3\frac{1}{6}\right)$ and $\left(x, \frac{4}{3}\right)$; slope: undefined $\frac{7}{4}$

237) $\left(\frac{1}{4}, 2\frac{1}{5}\right)$ and $(x, 0)$; slope: undefined $\frac{1}{4}$

238) $\left(2\frac{1}{4}, -\frac{6}{5}\right)$ and $\left(x, 3\frac{1}{2}\right)$; slope: $-\frac{6}{5}-1\frac{2}{3}$

$$239) \left(2\frac{3}{4}, 2\right) \text{ and } (x, -1); \text{ slope: } \frac{12}{7}$$

1

$$241) \left(x, \frac{1}{2}\right) \text{ and } \left(3\frac{1}{2}, -3\frac{1}{4}\right); \text{ slope: } -\frac{7}{10} -1\frac{6}{7}$$

$$243) \left(\frac{4}{3}, 1\frac{4}{5}\right) \text{ and } (x, 0); \text{ slope: } \frac{27}{10} \frac{2}{3}$$

$$245) \left(x, -\frac{1}{4}\right) \text{ and } \left(-\frac{7}{4}, -3\frac{1}{5}\right); \text{ slope: } \frac{59}{10} -\frac{5}{4}$$

$$247) (x, 0) \text{ and } \left(-2\frac{1}{2}, -3\frac{1}{2}\right); \text{ slope: } 14 -2\frac{1}{4}$$

$$249) (x, -4) \text{ and } \left(1, -\frac{2}{5}\right); \text{ slope: } \frac{9}{7} -\frac{9}{5}$$

$$251) \left(0, \frac{1}{3}\right) \text{ and } \left(x, -\frac{1}{2}\right); \text{ slope: } -\frac{2}{3} \frac{5}{4}$$

$$253) \left(\frac{11}{6}, -1\frac{5}{6}\right) \text{ and } (x, 1); \text{ slope: } -\frac{17}{4} 1\frac{1}{6}$$

$$255) \left(-\frac{3}{2}, \frac{8}{7}\right) \text{ and } \left(x, \frac{3}{7}\right); \text{ slope: } \frac{10}{7}$$

-2

$$257) \left(x, \frac{3}{4}\right) \text{ and } \left(-\frac{3}{4}, \frac{1}{2}\right); \text{ slope: } -\frac{3}{7} -1\frac{1}{3}$$

$$259) \left(x, -3\frac{2}{3}\right) \text{ and } (0, -6); \text{ slope: } -\frac{7}{6}$$

-2

$$261) (x, 1) \text{ and } \left(-1, \frac{3}{4}\right); \text{ slope: } \frac{5}{8} -\frac{3}{5}$$

$$240) \left(\frac{1}{6}, \frac{1}{4}\right) \text{ and } \left(x, 1\frac{5}{7}\right); \text{ slope: } -\frac{3}{7} -3\frac{1}{4}$$

$$242) (x, 3) \text{ and } \left(-2, \frac{5}{7}\right); \text{ slope: } \frac{8}{7}$$

0

$$244) \left(x, \frac{5}{6}\right) \text{ and } \left(\frac{5}{7}, -2\frac{1}{2}\right); \text{ slope: } \frac{56}{9} 1\frac{1}{4}$$

$$246) \left(-2\frac{5}{6}, 0\right) \text{ and } \left(x, \frac{5}{3}\right); \text{ slope: } \frac{1}{2} \frac{1}{2}$$

$$248) \left(x, \frac{5}{3}\right) \text{ and } \left(\frac{4}{3}, -\frac{8}{5}\right); \text{ slope: } -\frac{49}{5}$$

1

$$250) \left(x, 3\frac{1}{2}\right) \text{ and } \left(-1, \frac{1}{2}\right); \text{ slope: } \frac{6}{5} \frac{3}{2}$$

$$252) \left(x, \frac{3}{2}\right) \text{ and } \left(1\frac{1}{6}, -\frac{4}{3}\right); \text{ slope: } -\frac{5}{7} -2\frac{4}{5}$$

$$254) \left(x, \frac{1}{2}\right) \text{ and } \left(\frac{5}{4}, -\frac{4}{3}\right); \text{ slope: } -\frac{22}{7} \frac{2}{3}$$

$$256) (x, -1) \text{ and } \left(-1\frac{3}{4}, \frac{4}{3}\right); \text{ slope: undefined} -1\frac{3}{4}$$

$$258) \left(x, -1\frac{1}{7}\right) \text{ and } \left(-1\frac{1}{2}, 1\right); \text{ slope: } -\frac{6}{7}$$

1

$$260) \left(\frac{1}{3}, -\frac{1}{4}\right) \text{ and } \left(x, \frac{5}{4}\right); \text{ slope: } \frac{3}{2} 1\frac{1}{3}$$

$$262) \left(x, -\frac{4}{3}\right) \text{ and } \left(1, \frac{1}{2}\right); \text{ slope: undefined}$$

1

$$263) \left(\frac{1}{6}, 3\frac{1}{2}\right) \text{ and } \left(x, 1\frac{5}{6}\right); \text{ slope: undefined } \frac{1}{6}$$

$$264) (x, 2) \text{ and } \left(-2\frac{2}{3}, 3\right); \text{ slope: } 3$$

-3

$$265) \left(x, -\frac{2}{3}\right) \text{ and } \left(2\frac{1}{3}, -2\frac{4}{5}\right); \text{ slope: } -1\frac{1}{5}$$

$$266) \left(\frac{4}{7}, -2\frac{1}{2}\right) \text{ and } \left(x, -\frac{3}{2}\right); \text{ slope: } -\frac{7}{4}$$

0

$$267) \left(1, -1\frac{3}{5}\right) \text{ and } (x, 2); \text{ slope: } -\frac{6}{7} - 3\frac{1}{5}$$

$$268) \left(-2, 2\frac{5}{6}\right) \text{ and } \left(x, \frac{1}{2}\right); \text{ slope: } -\frac{14}{3} - \frac{3}{2}$$

$$269) (x, -5) \text{ and } \left(\frac{3}{4}, -\frac{3}{2}\right); \text{ slope: } \frac{7}{2} - \frac{1}{4}$$

$$270) \left(\frac{4}{7}, -\frac{1}{5}\right) \text{ and } \left(x, \frac{1}{2}\right); \text{ slope: } \frac{7}{10} - \frac{11}{7}$$

$$271) \left(\frac{1}{3}, \frac{7}{6}\right) \text{ and } \left(x, 2\frac{1}{2}\right); \text{ slope: } -\frac{4}{7}$$

$$272) \left(\frac{1}{2}, 2\right) \text{ and } \left(x, -\frac{3}{4}\right); \text{ slope: } -\frac{11}{9} - 2\frac{3}{4}$$

-2

$$273) (x, 2) \text{ and } \left(-2, -1\frac{1}{4}\right); \text{ slope: } \frac{13}{4}$$

$$274) \left(0, \frac{5}{6}\right) \text{ and } (x, -1); \text{ slope: } -\frac{22}{9} - \frac{3}{4}$$

-1

$$275) \left(-1\frac{1}{2}, -2\frac{3}{4}\right) \text{ and } \left(x, 3\frac{5}{6}\right); \text{ slope: } \frac{79}{6}$$

$$276) \left(\frac{4}{3}, -\frac{2}{3}\right) \text{ and } (x, -2); \text{ slope: } \frac{4}{9} - 1\frac{2}{3}$$

-1

$$277) \left(x, -2\frac{5}{6}\right) \text{ and } \left(-2\frac{5}{6}, 3\right); \text{ slope: } 14 - 3\frac{1}{4}$$

$$278) \left(x, \frac{1}{4}\right) \text{ and } \left(-3\frac{1}{2}, 2\frac{2}{3}\right); \text{ slope: } -\frac{29}{10} - 2\frac{2}{3}$$

$$279) \left(\frac{3}{2}, 0\right) \text{ and } (x, -7); \text{ slope: undefined } \frac{3}{2}$$

$$280) \left(x, 1\frac{1}{2}\right) \text{ and } \left(\frac{2}{3}, 3\frac{5}{6}\right); \text{ slope: } \frac{7}{9} - 2\frac{1}{3}$$

$$281) \left(x, -\frac{7}{6}\right) \text{ and } \left(-1\frac{2}{3}, -5\right); \text{ slope: } 23 - \frac{3}{2}$$

$$282) \left(\frac{3}{4}, -1\right) \text{ and } \left(x, \frac{5}{4}\right); \text{ slope: } \frac{27}{5} - \frac{7}{6}$$

$$283) (0, -3) \text{ and } \left(x, 2\frac{1}{2}\right); \text{ slope: } \frac{11}{10}$$

$$284) \left(x, \frac{3}{2}\right) \text{ and } \left(-\frac{5}{3}, -1\frac{5}{6}\right); \text{ slope: } -1$$

5

-5

$$285) \left(x, -2\frac{1}{2}\right) \text{ and } \left(\frac{5}{6}, -3\frac{2}{3}\right); \text{ slope: } -\frac{7}{6} - \frac{1}{6}$$

$$286) \left(x, \frac{1}{4}\right) \text{ and } \left(-\frac{11}{6}, 3\frac{1}{5}\right); \text{ slope: undefined } -\frac{11}{6}$$

$$287) \left(x, -3\frac{1}{3}\right) \text{ and } \left(-3\frac{1}{5}, 1\frac{1}{3}\right); \text{ slope: } -\frac{7}{9} 2\frac{4}{5}$$

$$288) (x, -3) \text{ and } \left(-\frac{1}{2}, 2\frac{1}{4}\right); \text{ slope: } -\frac{49}{10} \frac{4}{7}$$

$$289) \left(x, \frac{1}{4}\right) \text{ and } \left(-\frac{7}{4}, \frac{2}{5}\right); \text{ slope: undefined } -\frac{7}{4}$$

$$290) \left(-2, \frac{5}{6}\right) \text{ and } \left(x, -3\frac{1}{2}\right); \text{ slope: } \frac{13}{2} -2\frac{2}{3}$$

$$291) (1, -2) \text{ and } \left(x, \frac{2}{3}\right); \text{ slope: undefined}$$

$$292) \left(x, \frac{1}{2}\right) \text{ and } \left(\frac{5}{3}, \frac{1}{3}\right); \text{ slope: } \frac{1}{5} 2\frac{1}{2}$$

1

$$293) (x, -1) \text{ and } (1, -2); \text{ slope: } -1$$

$$294) \left(x, 3\frac{1}{4}\right) \text{ and } \left(-\frac{9}{5}, \frac{1}{2}\right); \text{ slope: } \frac{5}{6} 1\frac{1}{2}$$

0

$$295) \left(x, -\frac{5}{3}\right) \text{ and } \left(4\frac{1}{2}, \frac{1}{2}\right); \text{ slope: } \frac{13}{5} 3\frac{2}{3}$$

$$296) \left(-2, -6\frac{1}{2}\right) \text{ and } (x, -5); \text{ slope: undefined}$$

-2

$$297) \left(\frac{11}{6}, 0\right) \text{ and } \left(x, -1\frac{1}{3}\right); \text{ slope: } 16 1\frac{3}{4}$$

$$298) \left(\frac{2}{3}, 0\right) \text{ and } \left(x, \frac{5}{3}\right); \text{ slope: } -\frac{2}{5} -3\frac{1}{2}$$

$$299) \left(x, 2\frac{5}{7}\right) \text{ and } \left(-3\frac{6}{7}, -3\frac{1}{2}\right); \text{ slope: } \frac{87}{5} -3\frac{1}{2}$$

$$300) \left(x, \frac{3}{5}\right) \text{ and } \left(2\frac{2}{5}, 3\right); \text{ slope: } \frac{1}{2} -2\frac{2}{5}$$

Find the value of y so it matches given slope:

$$301) \left(\frac{5}{6}, -\frac{3}{2}\right) \text{ and } (x, 2); \text{ slope: undefined } \frac{5}{6}$$

$$302) \left(\frac{3}{4}, 0\right) \text{ and } \left(x, -\frac{4}{5}\right); \text{ slope: undefined } \frac{3}{4}$$

$$303) (x, -9) \text{ and } \left(\frac{1}{2}, -3\frac{1}{4}\right); \text{ slope: } -\frac{69}{4} \frac{5}{6}$$

$$304) \left(-\frac{4}{3}, 4\frac{1}{2}\right) \text{ and } \left(x, 3\frac{1}{6}\right); \text{ slope: } -\frac{2}{5}$$

2

$$305) (x, 0) \text{ and } \left(\frac{4}{3}, -1\right); \text{ slope: } -\frac{6}{5} \frac{1}{2}$$

$$306) \left(\frac{2}{7}, -3\right) \text{ and } \left(x, -\frac{7}{6}\right); \text{ slope: } -\frac{7}{10} -2\frac{1}{3}$$

$$307) \left(x, 2\frac{1}{2}\right) \text{ and } \left(\frac{5}{4}, 1\frac{3}{4}\right); \text{ slope: } 3\frac{3}{2}$$

$$308) \left(0, -\frac{7}{9}\right) \text{ and } (x, 1); \text{ slope: } \frac{4}{3} \frac{4}{3}$$

$$309) \left(-1\frac{1}{2}, -1\right) \text{ and } \left(x, -3\frac{3}{5}\right); \text{ slope: } \frac{78}{5} -1\frac{2}{3}$$

$$310) \left(\frac{1}{9}, -\frac{11}{6}\right) \text{ and } \left(x, -3\frac{1}{2}\right); \text{ slope: } -\frac{30}{7} \frac{1}{2}$$

311) $\left(1\frac{1}{3}, -\frac{4}{3}\right)$ and $(x, -1)$; slope: undefined $1\frac{1}{3}$

312) $\left(x, 3\frac{1}{4}\right)$ and $\left(-2, \frac{3}{4}\right)$; slope: $\frac{5}{2}$

 -1

313) $\left(\frac{4}{7}, -1\frac{1}{6}\right)$ and $\left(x, -1\frac{7}{9}\right)$; slope: undefined $\frac{4}{7}$

314) $\left(-3\frac{1}{2}, -\frac{7}{8}\right)$ and $\left(x, 2\frac{7}{8}\right)$; slope: $-\frac{35}{2}$ $-3\frac{5}{7}$

315) $(x, -7)$ and $\left(2, 3\frac{1}{2}\right)$; slope: 12 $1\frac{1}{8}$

316) $\left(x, -2\frac{2}{3}\right)$ and $(-1, 7)$; slope: $-\frac{29}{5}$ $\frac{2}{3}$

317) $(x, 0)$ and $(-2, 2)$; slope: $\frac{10}{7}$ $-3\frac{2}{5}$

318) $\left(-1\frac{7}{9}, -\frac{4}{3}\right)$ and $\left(x, 4\frac{1}{3}\right)$; slope: $-\frac{51}{2}$

 -2

319) $\left(x, 3\frac{7}{9}\right)$ and $\left(-1\frac{4}{9}, 4\frac{1}{4}\right)$; slope: $\frac{17}{2}$ $-\frac{3}{2}$

320) $\left(-3\frac{2}{9}, -1\frac{2}{3}\right)$ and $\left(x, 3\frac{1}{4}\right)$; slope: $\frac{6}{5}$ $\frac{7}{8}$

321) $\left(x, -\frac{4}{3}\right)$ and $\left(3\frac{1}{2}, -\frac{4}{9}\right)$; slope: $\frac{4}{9}$ $1\frac{1}{2}$

322) $(x, 1)$ and $(0, 2)$; slope: $\frac{7}{4}$ $-\frac{4}{7}$

323) $\left(0, \frac{2}{3}\right)$ and $\left(x, \frac{5}{3}\right)$; slope: -1

324) $\left(-1\frac{1}{6}, \frac{2}{3}\right)$ and $\left(x, -\frac{1}{6}\right)$; slope: $-\frac{5}{4}$ $-\frac{1}{2}$

 -1

325) $\left(2\frac{3}{4}, 2\right)$ and $\left(x, -\frac{7}{4}\right)$; slope: $\frac{5}{7}$ $-2\frac{1}{2}$

326) $\left(-3\frac{1}{5}, -2\right)$ and $\left(x, -3\frac{3}{5}\right)$; slope: $-\frac{1}{3}$ $\frac{8}{5}$

327) $\left(-2\frac{1}{9}, 1\frac{2}{3}\right)$ and $\left(x, \frac{1}{8}\right)$; slope: undefined $-2\frac{1}{9}$

328) $(x, -3)$ and $\left(\frac{1}{2}, 3\frac{1}{2}\right)$; slope: 1

 -6

329) $\left(\frac{9}{5}, -2\right)$ and $\left(x, -1\frac{1}{5}\right)$; slope: $-\frac{4}{5}$ $\frac{4}{5}$

330) $(x, -7)$ and $\left(-3\frac{1}{6}, -2\frac{5}{7}\right)$; slope: $-\frac{45}{7}$ $-2\frac{1}{2}$

331) $\left(x, -3\frac{3}{4}\right)$ and $(0, 2)$; slope: undefined

332) $\left(-2\frac{4}{7}, \frac{7}{6}\right)$ and $\left(x, -1\frac{1}{3}\right)$; slope: 14 $-2\frac{3}{4}$

 0

333) $\left(x, 2\frac{2}{3}\right)$ and $(1, 0)$; slope: $-\frac{10}{3}$ $\frac{1}{5}$

334) $\left(-4, -1\frac{3}{7}\right)$ and $\left(x, 4\frac{4}{7}\right)$; slope: $\frac{12}{7}$ $-\frac{1}{2}$

$$335) \left(x, -3\frac{1}{2}\right) \text{ and } \left(4\frac{5}{6}, -\frac{3}{2}\right); \text{ slope: undefined } 4\frac{5}{6}$$

$$336) \left(x, -\frac{4}{5}\right) \text{ and } \left(-\frac{1}{2}, -2\frac{1}{2}\right); \text{ slope: } \frac{3}{5} 2\frac{1}{3}$$

$$337) \left(3\frac{1}{3}, \frac{4}{3}\right) \text{ and } \left(x, -\frac{5}{3}\right); \text{ slope: } \frac{3}{5} -\frac{5}{3}$$

$$338) (x, -2) \text{ and } \left(\frac{1}{9}, \frac{17}{9}\right); \text{ slope: undefined } \frac{1}{9}$$

$$339) \left(\frac{6}{5}, -1\right) \text{ and } \left(x, \frac{1}{2}\right); \text{ slope: undefined } \frac{6}{5}$$

$$340) (x, -1) \text{ and } \left(-1\frac{2}{5}, 6\right); \text{ slope: } -\frac{10}{7} 3\frac{1}{2}$$

$$341) \left(\frac{5}{4}, 1\frac{1}{4}\right) \text{ and } \left(x, \frac{3}{4}\right); \text{ slope: } -\frac{6}{5} 1\frac{2}{3}$$

$$342) \left(x, -1\frac{2}{3}\right) \text{ and } \left(-\frac{6}{7}, \frac{4}{3}\right); \text{ slope: } -28 -\frac{3}{4}$$

$$343) (x, -1) \text{ and } \left(\frac{2}{9}, 2\right); \text{ slope: undefined } \frac{2}{9}$$

$$344) (x, 4) \text{ and } \left(\frac{1}{4}, 2\frac{5}{9}\right); \text{ slope: } -\frac{13}{9} -\frac{3}{4}$$

$$345) \left(x, -2\frac{1}{6}\right) \text{ and } \left(\frac{4}{3}, 3\frac{5}{6}\right); \text{ slope: undefined } \frac{4}{3}$$

$$346) \left(x, \frac{8}{9}\right) \text{ and } \left(-\frac{13}{9}, -\frac{5}{4}\right); \text{ slope: } \frac{1}{2} 2\frac{5}{6}$$

$$347) \left(\frac{8}{9}, 0\right) \text{ and } \left(x, -8\frac{2}{7}\right); \text{ slope: } \frac{261}{7} \frac{2}{3}$$

$$348) \left(-1\frac{1}{2}, -\frac{1}{2}\right) \text{ and } \left(x, 1\frac{1}{3}\right); \text{ slope: undefined } -1\frac{1}{2}$$

$$349) \left(\frac{7}{8}, \frac{2}{3}\right) \text{ and } (x, -1); \text{ slope: } \frac{40}{9} \frac{1}{2}$$

$$350) \left(-1\frac{7}{8}, -2\right) \text{ and } (x, -5); \text{ slope: } -\frac{24}{7}$$

$$351) \left(1\frac{7}{8}, -7\right) \text{ and } \left(x, 2\frac{1}{3}\right); \text{ slope: } 32 2\frac{1}{6}$$

$$352) \left(x, -3\frac{3}{4}\right) \text{ and } \left(0, -2\frac{1}{2}\right); \text{ slope: } 5 -\frac{1}{4}$$

$$353) \left(x, -\frac{1}{2}\right) \text{ and } \left(-3\frac{3}{4}, 0\right); \text{ slope: } -1 -3\frac{1}{4}$$

$$354) \left(x, 2\frac{1}{5}\right) \text{ and } \left(\frac{1}{3}, -3\frac{3}{5}\right); \text{ slope: } -\frac{21}{10} -2\frac{3}{7}$$

$$355) (x, -1) \text{ and } \left(2, 2\frac{1}{6}\right); \text{ slope: } \frac{19}{6}$$

$$356) (x, -3) \text{ and } \left(\frac{5}{6}, 3\frac{3}{4}\right); \text{ slope: undefined } \frac{5}{6}$$

1

$$357) (x, -1) \text{ and } \left(0, \frac{1}{4}\right); \text{ slope: } -\frac{5}{7} \frac{7}{4}$$

$$358) \left(x, -\frac{1}{2}\right) \text{ and } \left(3\frac{1}{4}, 2\right); \text{ slope: } \frac{4}{5} \frac{1}{8}$$

$$359) \left(\frac{1}{3}, -\frac{7}{4}\right) \text{ and } \left(x, -1\frac{2}{5}\right); \text{ slope: } \frac{21}{10} \frac{1}{2}$$

$$360) (x, 2) \text{ and } \left(\frac{8}{5}, -2\frac{1}{2}\right); \text{ slope: } 5 \frac{2}{2}$$

$$361) \left(x, -1\frac{2}{3}\right) \text{ and } \left(4\frac{3}{7}, 2\frac{3}{7}\right); \text{ slope: } \frac{10}{3} \frac{1}{5}$$

$$362) (x, -1) \text{ and } (1, 0); \text{ slope: } \frac{1}{3}$$

$$363) \left(1\frac{4}{9}, -2\frac{7}{9}\right) \text{ and } \left(x, \frac{3}{4}\right); \text{ slope: } \frac{127}{8} \frac{5}{3}$$

$$364) \left(-1, 3\frac{1}{9}\right) \text{ and } \left(x, \frac{2}{3}\right); \text{ slope: } -\frac{22}{9}$$

$$365) (x, -1) \text{ and } \left(-2\frac{1}{3}, \frac{4}{3}\right); \text{ slope: } \frac{28}{5} -2\frac{3}{4}$$

$$366) \left(1\frac{1}{2}, \frac{5}{7}\right) \text{ and } \left(x, \frac{4}{3}\right); \text{ slope: undefined } \frac{1}{2}$$

$$367) (x, 2) \text{ and } \left(-\frac{1}{3}, 0\right); \text{ slope: } \frac{12}{5} \frac{1}{2}$$

$$368) \left(x, -\frac{4}{3}\right) \text{ and } \left(2\frac{2}{3}, \frac{1}{2}\right); \text{ slope: } \frac{1}{2}$$

$$369) (x, 2) \text{ and } (2, 3); \text{ slope: } 2 \frac{3}{2}$$

$$370) \left(x, \frac{1}{7}\right) \text{ and } \left(-\frac{10}{7}, -\frac{11}{7}\right); \text{ slope: } -24 -1\frac{1}{2}$$

$$371) (-1, 0) \text{ and } (x, 2); \text{ slope: } -2$$

$$372) \left(1, -\frac{3}{5}\right) \text{ and } (x, -2); \text{ slope: } -\frac{28}{5} \frac{5}{4}$$

$$373) \left(x, -1\frac{7}{8}\right) \text{ and } \left(1\frac{1}{4}, -2\right); \text{ slope: } -\frac{1}{6} \frac{1}{2}$$

$$374) \left(x, -\frac{5}{4}\right) \text{ and } \left(\frac{9}{7}, 3\frac{3}{7}\right); \text{ slope: undefined } \frac{9}{7}$$

$$375) \left(x, \frac{3}{2}\right) \text{ and } \left(1, 4\frac{3}{5}\right); \text{ slope: undefined}$$

$$376) \left(x, -\frac{1}{3}\right) \text{ and } \left(3\frac{2}{3}, 1\frac{5}{6}\right); \text{ slope: } -\frac{13}{5} \frac{1}{2}$$

$$377) \left(x, \frac{4}{7}\right) \text{ and } \left(-1\frac{1}{7}, -3\frac{1}{2}\right); \text{ slope: } -\frac{95}{6} -1\frac{2}{5}$$

$$378) \left(-1\frac{1}{6}, 4\right) \text{ and } \left(x, -\frac{5}{3}\right); \text{ slope: } \frac{17}{4} -2\frac{1}{2}$$

$$379) \left(x, 1\frac{1}{8}\right) \text{ and } \left(1\frac{2}{3}, -1\frac{3}{8}\right); \text{ slope: } -\frac{5}{3} \frac{1}{6}$$

$$380) \left(\frac{5}{3}, -2\right) \text{ and } (x, 4); \text{ slope: } 36 \frac{11}{6}$$

$$381) \left(x, -\frac{1}{2}\right) \text{ and } \left(-\frac{8}{5}, 2\frac{4}{5}\right); \text{ slope: } \frac{3}{4}$$

$$382) \left(-2, \frac{1}{6}\right) \text{ and } \left(x, \frac{1}{2}\right); \text{ slope: } \frac{1}{3}$$

-6

-1

383) $\left(\frac{5}{6}, -2\frac{3}{4}\right)$ and $\left(x, \frac{3}{2}\right)$; slope: $-\frac{51}{10}$

0

385) $\left(x, -3\frac{1}{2}\right)$ and $\left(-\frac{9}{8}, \frac{4}{7}\right)$; slope: $-\frac{12}{5}\frac{4}{7}$

387) $\left(\frac{3}{2}, \frac{3}{2}\right)$ and $\left(x, -\frac{1}{2}\right)$; slope: $\frac{4}{3}$

0

389) $\left(x, \frac{3}{2}\right)$ and $\left(\frac{1}{2}, -3\frac{5}{6}\right)$; slope: $-4-\frac{5}{6}$

391) $(x, 6)$ and $\left(\frac{1}{3}, -\frac{4}{5}\right)$; slope: $\frac{102}{7}\frac{4}{5}$

393) $\left(2, -\frac{2}{3}\right)$ and $\left(x, -1\frac{6}{7}\right)$; slope: $\frac{25}{7}\frac{5}{3}$

395) $\left(\frac{4}{9}, \frac{9}{5}\right)$ and $\left(x, -2\frac{2}{3}\right)$; slope: $-\frac{201}{10}\frac{2}{3}$

397) $(x, 7)$ and $\left(-\frac{2}{3}, -2\frac{5}{7}\right)$; slope: $-\frac{153}{7}-1\frac{1}{9}$

399) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, -2\right)$; slope: $\frac{5}{3}\frac{4}{5}$

384) $\left(x, \frac{5}{3}\right)$ and $\left(-1\frac{1}{7}, -1\frac{2}{3}\right)$; slope: $\frac{70}{3}$

-1

386) $\left(x, \frac{3}{2}\right)$ and $\left(2\frac{3}{8}, 2\right)$; slope: undefined $2\frac{3}{8}$

388) $\left(\frac{7}{9}, 2\right)$ and $\left(x, 6\frac{2}{3}\right)$; slope: $\frac{12}{7}3\frac{1}{2}$

390) $\left(\frac{7}{8}, \frac{3}{8}\right)$ and $\left(x, -\frac{1}{6}\right)$; slope: $\frac{1}{5}-\frac{11}{6}$

392) $\left(-\frac{1}{2}, \frac{2}{9}\right)$ and $(x, -8)$; slope: undefined $-\frac{1}{2}$

394) $(x, -6)$ and $\left(\frac{7}{4}, -5\right)$; slope: $\frac{2}{3}\frac{1}{4}$

396) $\left(x, -\frac{4}{3}\right)$ and $\left(0, -2\frac{1}{2}\right)$; slope: $-\frac{2}{3}-\frac{7}{4}$

398) $\left(x, \frac{7}{5}\right)$ and $\left(1\frac{2}{3}, 9\frac{2}{5}\right)$; slope: $\frac{16}{3}\frac{1}{6}$

400) $\left(\frac{4}{5}, -2\frac{1}{2}\right)$ and $(x, -1)$; slope: $-\frac{5}{2}\frac{1}{5}$

Find the value of x so it matches given slope:

401) $\left(1, -2\frac{1}{7}\right)$ and $\left(x, 2\frac{1}{2}\right)$; slope: $-\frac{65}{6}\frac{4}{7}$

403) $\left(x, -\frac{3}{2}\right)$ and $\left(3\frac{1}{3}, 4\frac{1}{3}\right)$; slope: $\frac{5}{2}$

1

405) $\left(2\frac{1}{2}, 3\right)$ and $\left(x, 3\frac{1}{2}\right)$; slope: $-\frac{1}{8}-1\frac{1}{2}$

402) $\left(\frac{2}{3}, -2\right)$ and $\left(x, \frac{3}{7}\right)$; slope: $\frac{51}{7}$

1

404) $\left(\frac{1}{2}, -2\frac{2}{3}\right)$ and $(x, 0)$; slope: undefined $\frac{1}{2}$

406) $\left(x, -3\frac{5}{6}\right)$ and $\left(\frac{3}{8}, \frac{3}{4}\right)$; slope: undefined $\frac{3}{8}$

407) $(x, -7)$ and $(-\frac{10}{9}, 3\frac{3}{5})$; slope: $\frac{477}{10} - 1\frac{1}{3}$

408) $(4\frac{1}{6}, \frac{3}{4})$ and $(x, \frac{2}{3})$; slope: $-\frac{1}{8} 4\frac{5}{6}$

409) $(\frac{1}{3}, 4\frac{6}{7})$ and $(x, 2\frac{2}{3})$; slope: $-\frac{46}{7} \frac{2}{3}$

410) $(x, -3\frac{6}{7})$ and $(-\frac{2}{3}, 4\frac{5}{7})$; slope: $-\frac{24}{7} \frac{11}{6}$

411) $(x, \frac{3}{2})$ and $(-4, -2\frac{5}{8})$; slope: $\frac{15}{8} - \frac{9}{5}$

412) $(-\frac{4}{3}, 1\frac{1}{2})$ and $(x, 3\frac{3}{4})$; slope: $\frac{9}{4} - \frac{1}{3}$

413) $(2, -7)$ and $(x, -2\frac{1}{6})$; slope: $-\frac{29}{6}$

414) $(4\frac{1}{2}, -2\frac{3}{8})$ and $(x, 3\frac{1}{4})$; slope: $-5 3\frac{3}{8}$

1

415) $(-\frac{3}{2}, -1\frac{5}{6})$ and $(x, 3\frac{1}{3})$; slope: undefined $-\frac{3}{2}$

416) $(x, 1)$ and $(1, \frac{5}{9})$; slope: $-\frac{8}{9} \frac{1}{2}$

417) $(\frac{1}{3}, -\frac{2}{9})$ and $(x, 4\frac{1}{4})$; slope: $\frac{46}{3} \frac{5}{8}$

418) $(\frac{4}{3}, 1)$ and $(x, 8\frac{2}{3})$; slope: $-\frac{69}{8} \frac{4}{9}$

419) $(-2, 3\frac{1}{3})$ and $(x, 2\frac{1}{3})$; slope: $-\frac{3}{7} \frac{1}{3}$

420) $(-2\frac{1}{4}, \frac{9}{5})$ and $(x, -3)$; slope: $\frac{48}{5} - 2\frac{3}{4}$

421) $(x, \frac{9}{5})$ and $(\frac{1}{2}, -\frac{1}{2})$; slope: $\frac{23}{5}$

422) $(-1, -2\frac{2}{3})$ and $(x, \frac{1}{3})$; slope: $-\frac{7}{2} - \frac{13}{7}$

1

423) $(-4, \frac{3}{4})$ and $(x, -7)$; slope: $-\frac{3}{2} \frac{7}{6}$

424) $(3\frac{1}{2}, 1)$ and $(x, \frac{3}{4})$; slope: $-\frac{1}{10}$

6

425) $(x, 1\frac{2}{9})$ and $(2, -\frac{17}{9})$; slope: $-\frac{4}{3} - \frac{1}{3}$

426) $(3\frac{1}{2}, 3\frac{3}{7})$ and $(x, -1)$; slope: $\frac{62}{7}$

3

427) $(3\frac{5}{6}, -3\frac{1}{6})$ and $(x, -2\frac{4}{7})$; slope: $-\frac{50}{7} 3\frac{3}{4}$

428) $(x, -\frac{1}{3})$ and $(\frac{1}{8}, \frac{1}{3})$; slope: $\frac{8}{9} - \frac{5}{8}$

429) $(x, \frac{1}{6})$ and $(\frac{1}{3}, -\frac{5}{3})$; slope: $\frac{22}{5} \frac{3}{4}$

430) $(1\frac{2}{3}, -2\frac{1}{6})$ and $(x, -\frac{4}{3})$; slope: $\frac{10}{7} 2\frac{1}{4}$

$$431) \left(1, 1\frac{5}{6}\right) \text{ and } \left(x, 1\frac{2}{3}\right); \text{ slope: } -\frac{1}{9} 2\frac{1}{2}$$

$$432) \left(\frac{3}{2}, \frac{2}{9}\right) \text{ and } (x, 2); \text{ slope: } -\frac{8}{9} -\frac{1}{2}$$

$$433) (0, 2) \text{ and } \left(x, 3\frac{3}{4}\right); \text{ slope: } \frac{3}{8} 4\frac{2}{3}$$

$$434) \left(\frac{4}{3}, -1\right) \text{ and } \left(x, \frac{11}{7}\right); \text{ slope: } -\frac{27}{7} \frac{2}{3}$$

$$435) \left(\frac{1}{2}, -3\frac{4}{7}\right) \text{ and } (x, 2); \text{ slope: undefined } \frac{1}{2}$$

$$436) \left(x, 2\frac{4}{9}\right) \text{ and } \left(\frac{1}{6}, \frac{3}{4}\right); \text{ slope: } \frac{61}{6} \frac{1}{3}$$

$$437) \left(0, \frac{1}{3}\right) \text{ and } (x, 7); \text{ slope: } -\frac{10}{3}$$

$$438) \left(0, 4\frac{2}{5}\right) \text{ and } (x, -1); \text{ slope: } \frac{27}{5}$$

-2

-1

$$439) \left(x, -\frac{1}{3}\right) \text{ and } \left(1\frac{1}{5}, \frac{8}{5}\right); \text{ slope: } -\frac{29}{7} 1\frac{2}{3}$$

$$440) \left(\frac{2}{3}, 0\right) \text{ and } \left(x, -1\frac{7}{8}\right); \text{ slope: } \frac{15}{8} -\frac{1}{3}$$

$$441) \left(\frac{5}{3}, 0\right) \text{ and } \left(x, 4\frac{2}{3}\right); \text{ slope: } -\frac{7}{4}$$

$$442) \left(\frac{3}{2}, -1\right) \text{ and } \left(x, -\frac{1}{4}\right); \text{ slope: } -\frac{9}{10} \frac{2}{3}$$

-1

$$443) \left(x, \frac{1}{2}\right) \text{ and } \left(-1\frac{1}{2}, 5\right); \text{ slope: } -\frac{36}{7} -\frac{5}{8}$$

$$444) \left(-\frac{7}{6}, 2\frac{5}{6}\right) \text{ and } (x, 2); \text{ slope: } 1$$

-2

$$445) \left(x, -3\frac{1}{2}\right) \text{ and } \left(2, -\frac{5}{4}\right); \text{ slope: undefined}$$

$$446) \left(x, \frac{5}{3}\right) \text{ and } \left(-\frac{7}{5}, -\frac{4}{3}\right); \text{ slope: } \frac{15}{7}$$

2

0

$$447) \left(-\frac{3}{2}, 8\frac{3}{7}\right) \text{ and } \left(x, -3\frac{1}{2}\right); \text{ slope: } \frac{167}{7}$$

$$448) (x, 2) \text{ and } \left(-\frac{5}{3}, 0\right); \text{ slope: } \frac{12}{7} -\frac{1}{2}$$

-2

$$449) (x, -2) \text{ and } \left(-\frac{7}{5}, -1\frac{1}{2}\right); \text{ slope: } \frac{5}{2} -\frac{8}{5}$$

$$450) \left(4\frac{4}{9}, -\frac{1}{3}\right) \text{ and } (x, -7); \text{ slope: } \frac{3}{2}$$

0

$$451) (0, -2) \text{ and } \left(x, 3\frac{4}{7}\right); \text{ slope: } -\frac{117}{7} -\frac{1}{3}$$

$$452) (x, 2) \text{ and } \left(\frac{7}{5}, 3\frac{2}{3}\right); \text{ slope: } -\frac{25}{9}$$

2

$$453) \left(x, \frac{2}{7}\right) \text{ and } (-2, 0); \text{ slope: } -\frac{6}{7} -2\frac{1}{3}$$

$$454) (x, -2) \text{ and } \left(-1, \frac{6}{5}\right); \text{ slope: } \frac{128}{5} -1\frac{1}{8}$$

$$455) \left(0, \frac{1}{3}\right) \text{ and } (x, -5); \text{ slope: } -4 \frac{4}{3}$$

$$457) (x, -1) \text{ and } \left(-2, 1 \frac{2}{5}\right); \text{ slope: } -\frac{16}{5} - \frac{5}{4}$$

$$459) \left(2, \frac{1}{4}\right) \text{ and } \left(x, 2 \frac{1}{4}\right); \text{ slope: undefined}$$

2

$$461) (x, -1) \text{ and } \left(\frac{5}{4}, 3 \frac{2}{7}\right); \text{ slope: } \frac{24}{7}$$

0

$$463) \left(x, -3 \frac{3}{5}\right) \text{ and } \left(-\frac{4}{5}, \frac{2}{5}\right); \text{ slope: } -\frac{40}{3} - \frac{1}{2}$$

$$465) (x, 2) \text{ and } \left(-2 \frac{1}{3}, -3 \frac{1}{4}\right); \text{ slope: undefined} - 2 \frac{1}{3}$$

$$467) \left(6, -2 \frac{1}{3}\right) \text{ and } \left(x, -\frac{2}{7}\right); \text{ slope: } -\frac{3}{7} \frac{11}{9}$$

$$469) \left(x, -\frac{3}{2}\right) \text{ and } \left(-\frac{4}{7}, 6\right); \text{ slope: } -7 \frac{1}{2}$$

$$471) \left(x, -3 \frac{1}{3}\right) \text{ and } \left(-\frac{2}{5}, -3 \frac{5}{7}\right); \text{ slope: } -\frac{5}{6} - \frac{6}{7}$$

$$473) (x, 1) \text{ and } \left(1 \frac{1}{2}, -\frac{2}{3}\right); \text{ slope: } \frac{30}{7} 1 \frac{8}{9}$$

$$475) \left(-3 \frac{2}{3}, -3 \frac{5}{7}\right) \text{ and } \left(x, \frac{13}{7}\right); \text{ slope: } \frac{234}{7} - 3 \frac{1}{2}$$

$$477) \left(x, -\frac{2}{3}\right) \text{ and } \left(-2, \frac{1}{9}\right); \text{ slope: } \frac{4}{9} - 3 \frac{3}{4}$$

$$456) (-2, -9) \text{ and } (x, -7); \text{ slope: } 12 - 1 \frac{5}{6}$$

$$458) \left(-\frac{1}{2}, 7\right) \text{ and } \left(x, 4 \frac{5}{8}\right); \text{ slope: } \frac{19}{4}$$

-1

$$460) (1, 8) \text{ and } \left(x, \frac{3}{5}\right); \text{ slope: } -\frac{37}{5}$$

2

$$462) (-3, -9) \text{ and } (x, -2); \text{ slope: } -\frac{7}{5}$$

-8

$$464) \left(x, 2 \frac{2}{3}\right) \text{ and } \left(\frac{3}{2}, 3 \frac{1}{9}\right); \text{ slope: } \frac{8}{3} \frac{4}{3}$$

$$466) \left(-1 \frac{1}{5}, 1\right) \text{ and } (x, -7); \text{ slope: undefined} - 1 \frac{1}{5}$$

$$468) \left(-\frac{1}{2}, 2\right) \text{ and } \left(x, \frac{3}{2}\right); \text{ slope: } -\frac{1}{5}$$

2

$$470) \left(\frac{3}{2}, 4 \frac{3}{8}\right) \text{ and } \left(x, -2 \frac{3}{8}\right); \text{ slope: } -\frac{81}{10} 2 \frac{1}{3}$$

$$472) \left(\frac{7}{6}, \frac{7}{4}\right) \text{ and } (x, 0); \text{ slope: } -\frac{21}{10}$$

2

$$474) (x, 6) \text{ and } \left(-\frac{3}{4}, -1\right); \text{ slope: } \frac{12}{7} 3 \frac{1}{3}$$

$$476) \left(3 \frac{1}{6}, 2 \frac{1}{2}\right) \text{ and } \left(x, -3 \frac{1}{6}\right); \text{ slope: } \frac{17}{3} 2 \frac{1}{6}$$

$$478) \left(-3 \frac{1}{2}, 4 \frac{2}{3}\right) \text{ and } (x, -8); \text{ slope: undefined} - 3 \frac{1}{2}$$

479) $\left(x, \frac{1}{3}\right)$ and $\left(\frac{1}{2}, -3\frac{1}{3}\right)$; slope: $-\frac{11}{5}$ $-1\frac{1}{6}$

480) $\left(x, 4\frac{4}{5}\right)$ and $\left(0, 3\frac{4}{5}\right)$; slope: $\frac{3}{4}$ $1\frac{1}{3}$

481) $\left(3\frac{1}{4}, 4\frac{1}{8}\right)$ and $\left(x, 4\frac{3}{5}\right)$; slope: $\frac{57}{10}$ $3\frac{1}{3}$

482) $\left(-2\frac{2}{9}, 1\frac{8}{9}\right)$ and $(x, -1)$; slope: $-\frac{2}{5}$

5

483) $\left(\frac{2}{3}, -2\right)$ and $\left(x, -1\frac{2}{3}\right)$; slope: undefined $\frac{2}{3}$

484) $\left(x, 3\frac{3}{7}\right)$ and $\left(\frac{3}{4}, 4\frac{3}{4}\right)$; slope: $-\frac{37}{7}$

1

485) $\left(x, -1\frac{1}{2}\right)$ and $\left(2, -2\frac{8}{9}\right)$; slope: $\frac{25}{9}$ $2\frac{1}{2}$

486) $\left(1, \frac{1}{4}\right)$ and $(x, 9)$; slope: $-\frac{21}{4}$ $-\frac{2}{3}$

487) $(x, 9)$ and $\left(2\frac{5}{6}, -\frac{2}{3}\right)$; slope: undefined $2\frac{5}{6}$

488) $\left(1\frac{1}{6}, -5\right)$ and $(x, -1)$; slope: undefined $1\frac{1}{6}$

489) $\left(-2, -\frac{5}{6}\right)$ and $\left(x, -1\frac{1}{2}\right)$; slope: $-\frac{2}{9}$

1

490) $\left(x, -3\frac{3}{4}\right)$ and $\left(-\frac{1}{5}, \frac{5}{8}\right)$; slope: $-\frac{175}{8}$

0

491) $\left(\frac{1}{4}, 1\right)$ and $\left(x, -1\frac{1}{7}\right)$; slope: $-\frac{60}{7}$ $\frac{1}{2}$

492) $(x, -7)$ and $\left(2, 3\frac{1}{8}\right)$; slope: undefined

2

493) $\left(1, \frac{1}{2}\right)$ and $\left(x, 3\frac{1}{3}\right)$; slope: undefined

1

494) $\left(x, -2\frac{3}{4}\right)$ and $\left(3\frac{5}{6}, -9\right)$; slope: $\frac{15}{2}$ $4\frac{2}{3}$

495) $\left(2\frac{1}{8}, \frac{1}{4}\right)$ and $(x, -6)$; slope: undefined $2\frac{1}{8}$

496) $(x, -1)$ and $\left(0, \frac{5}{4}\right)$; slope: -9 $\frac{1}{4}$

497) $(x, 2)$ and $\left(3\frac{5}{6}, -\frac{7}{6}\right)$; slope: -1 $\frac{2}{3}$

498) $\left(\frac{1}{2}, 2\frac{1}{3}\right)$ and $\left(x, \frac{5}{9}\right)$; slope: $-\frac{160}{9}$ $\frac{3}{5}$

499) $(x, -9)$ and $(1, 7)$; slope: $-\frac{128}{7}$ $1\frac{7}{8}$

500) $\left(x, \frac{13}{7}\right)$ and $\left(-\frac{5}{3}, 2\right)$; slope: $-\frac{6}{7}$ $-\frac{3}{2}$

Find the value of y so it matches given slope:

501) $\left(\frac{3}{5}, y\right)$ and $\left(0, -\frac{7}{5}\right)$; slope: 4

1

502) $(-1, y)$ and $\left(1, -\frac{3}{2}\right)$; slope: $\frac{6}{5}$ $-3\frac{9}{10}$

$$503) \left(-\frac{5}{3}, y\right) \text{ and } \left(-\frac{8}{5}, 4\frac{1}{5}\right); \text{ slope: } 81 - 1\frac{1}{5}$$

$$504) \left(-\frac{1}{2}, -1\frac{2}{3}\right) \text{ and } (-1, y); \text{ slope: } -113\frac{5}{6}$$

$$505) (-9, y) \text{ and } (-2, 5); \text{ slope: } \frac{5}{7}$$

$$506) \left(\frac{1}{2}, y\right) \text{ and } \left(\frac{13}{10}, -\frac{4}{5}\right); \text{ slope: } -\frac{7}{2}$$

0

2

$$507) \left(\frac{1}{2}, y\right) \text{ and } \left(1\frac{1}{3}, \frac{2}{3}\right); \text{ slope: } \frac{4}{5}$$

$$508) \left(-1, -\frac{2}{3}\right) \text{ and } \left(-\frac{4}{3}, y\right); \text{ slope: } 0 - \frac{2}{3}$$

0

$$509) \left(\frac{6}{11}, y\right) \text{ and } \left(0, 2\frac{10}{11}\right); \text{ slope: } 02\frac{10}{11}$$

$$510) (0, y) \text{ and } \left(-\frac{4}{5}, \frac{3}{5}\right); \text{ slope: } -\frac{3}{4}$$

0

$$511) \left(4\frac{2}{5}, 7\right) \text{ and } \left(-\frac{7}{4}, y\right); \text{ slope: } 0$$

$$512) \left(\frac{7}{4}, -\frac{6}{11}\right) \text{ and } \left(1\frac{2}{11}, y\right); \text{ slope: } -\frac{18}{5}1\frac{1}{2}$$

7

$$513) \left(1, -\frac{2}{3}\right) \text{ and } (2, y); \text{ slope: } -\frac{11}{9} - 1\frac{8}{9}$$

$$514) \left(4\frac{9}{10}, -1\frac{1}{6}\right) \text{ and } \left(5\frac{3}{10}, y\right); \text{ slope: } \frac{40}{3}4\frac{1}{6}$$

$$515) \left(\frac{4}{3}, y\right) \text{ and } \left(-\frac{2}{3}, 1\frac{1}{4}\right); \text{ slope: } \frac{13}{8}4\frac{1}{2}$$

$$516) \left(-8, -2\frac{3}{4}\right) \text{ and } (-2, y); \text{ slope: } \frac{1}{8}$$

-2

$$517) \left(-2, -\frac{1}{9}\right) \text{ and } \left(-\frac{8}{5}, y\right); \text{ slope: } \frac{10}{3}\frac{11}{9}$$

$$518) \left(2, 4\frac{4}{5}\right) \text{ and } (3, y); \text{ slope: } -\frac{19}{5}$$

1

$$519) \left(-\frac{1}{4}, \frac{2}{3}\right) \text{ and } (1, y); \text{ slope: } -\frac{28}{3}$$

$$520) \left(-1\frac{1}{8}, \frac{1}{9}\right) \text{ and } \left(-\frac{10}{9}, y\right); \text{ slope: } -\frac{292}{5} - \frac{7}{10}$$

-11

$$521) \left(\frac{14}{11}, y\right) \text{ and } \left(\frac{12}{11}, 0\right); \text{ slope: } -\frac{22}{5} - \frac{4}{5}$$

$$522) \left(1\frac{10}{11}, y\right) \text{ and } \left(2, -\frac{13}{7}\right); \text{ slope: } -\frac{143}{7}$$

0

$$523) \left(\frac{12}{11}, 1\right) \text{ and } \left(1\frac{1}{8}, y\right); \text{ slope: } \frac{88}{3}$$

$$524) \left(1\frac{3}{7}, \frac{3}{4}\right) \text{ and } \left(\frac{7}{5}, y\right); \text{ slope: } -\frac{175}{2}3\frac{1}{4}$$

2

$$525) \left(\frac{7}{4}, 5\frac{3}{4}\right) \text{ and } \left(\frac{5}{3}, y\right); \text{ slope: } 392\frac{1}{2}$$

$$526) \left(\frac{4}{3}, 5\frac{1}{10}\right) \text{ and } \left(1\frac{2}{5}, y\right); \text{ slope: } -\frac{739}{6} - 3\frac{1}{9}$$

527) $\left(\frac{20}{11}, y\right)$ and $\left(\frac{17}{9}, \frac{2}{3}\right)$; slope: $-55\frac{4}{9}$

528) $\left(2\frac{3}{8}, y\right)$ and $\left(2\frac{1}{2}, -1\frac{5}{6}\right)$; slope: $\frac{40}{3}-3\frac{1}{2}$

529) $\left(5\frac{3}{5}, -3\frac{5}{8}\right)$ and $(9, y)$; slope: $\frac{5}{8}-1\frac{1}{2}$

530) $\left(1\frac{2}{5}, 6\right)$ and $\left(-2\frac{1}{8}, y\right)$; slope: $\frac{8}{3}-3\frac{2}{5}$

531) $\left(\frac{1}{2}, y\right)$ and $\left(\frac{3}{8}, \frac{1}{3}\right)$; slope: $\frac{28}{3}1\frac{1}{2}$

532) $\left(-\frac{7}{6}, y\right)$ and $\left(-1\frac{2}{3}, -\frac{8}{9}\right)$; slope: $\frac{34}{9}$

1

533) $\left(-\frac{1}{3}, 1\right)$ and $\left(-\frac{5}{9}, y\right)$; slope: $\frac{81}{2}$

534) $(1, y)$ and $\left(\frac{1}{2}, 3\frac{1}{2}\right)$; slope: $\frac{8}{3}4\frac{5}{6}$

-8

535) $\left(-2, -2\frac{1}{3}\right)$ and $\left(-\frac{11}{6}, y\right)$; slope: $9-\frac{5}{6}$

536) $\left(\frac{4}{11}, y\right)$ and $\left(-\frac{2}{3}, -2\frac{5}{6}\right)$; slope: $\frac{11}{10}-\frac{17}{10}$

537) $(-1, -1)$ and $\left(\frac{2}{3}, y\right)$; slope: 0

538) $(-2, y)$ and $\left(-1\frac{1}{2}, 2\right)$; slope: $\frac{22}{5}-\frac{1}{5}$

-1

539) $\left(\frac{5}{6}, 1\right)$ and $\left(\frac{7}{10}, y\right)$; slope: $\frac{205}{6}-3\frac{5}{9}$

540) $\left(-1\frac{5}{6}, 5\frac{5}{6}\right)$ and $(-2, y)$; slope: $\frac{53}{3}2\frac{8}{9}$

541) $\left(\frac{3}{2}, -3\frac{7}{10}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: $16\frac{3}{10}$

542) $\left(-1\frac{1}{2}, y\right)$ and $\left(-\frac{13}{9}, -2\frac{1}{4}\right)$; slope: $-\frac{285}{2}5\frac{2}{3}$

543) $\left(\frac{17}{9}, y\right)$ and $\left(\frac{11}{6}, \frac{5}{6}\right)$; slope: $0\frac{5}{6}$

544) $\left(\frac{3}{2}, \frac{1}{2}\right)$ and $\left(\frac{5}{11}, y\right)$; slope: $-\frac{11}{4}3\frac{3}{8}$

545) $\left(-\frac{5}{6}, y\right)$ and $\left(\frac{4}{3}, 2\frac{5}{8}\right)$; slope: $\frac{3}{4}$

546) $\left(-2\frac{1}{6}, 2\right)$ and $\left(-2\frac{5}{6}, y\right)$; slope: $\frac{51}{10}-\frac{7}{5}$

1

547) $\left(\frac{3}{7}, 4\right)$ and $(0, y)$; slope: $\frac{70}{9}2\frac{2}{3}$

548) $\left(-3\frac{1}{2}, -\frac{1}{2}\right)$ and $(-2, y)$; slope: $-\frac{4}{9}-\frac{7}{6}$

549) $\left(-\frac{4}{5}, y\right)$ and $\left(-\frac{7}{8}, 4\frac{7}{8}\right)$; slope: $-\frac{545}{9}1\frac{1}{3}$

550) $\left(\frac{3}{8}, y\right)$ and $\left(\frac{1}{2}, \frac{5}{6}\right)$; slope: $0\frac{5}{6}$

$$551) \left(\frac{13}{9}, y\right) \text{ and } \left(\frac{10}{9}, -\frac{6}{5}\right); \text{ slope: } \frac{99}{10} 2 \frac{1}{10}$$

$$552) \left(6, y\right) \text{ and } \left(7, \frac{1}{3}\right); \text{ slope: } \frac{13}{3}$$

-4

$$553) \left(\frac{2}{3}, 4\frac{5}{9}\right) \text{ and } \left(-\frac{14}{11}, y\right); \text{ slope: } \frac{11}{6}$$

$$554) \left(3\frac{2}{3}, 3\frac{3}{4}\right) \text{ and } (8, y); \text{ slope: } -\frac{5}{4} - \frac{5}{3}$$

1

$$555) \left(\frac{3}{2}, -2\frac{4}{5}\right) \text{ and } \left(-1\frac{1}{2}, y\right); \text{ slope: } -\frac{8}{5}$$

$$556) \left(-\frac{2}{3}, -1\right) \text{ and } (-1, y); \text{ slope: } -\frac{51}{5} 2 \frac{2}{5}$$

2

$$557) \left(\frac{2}{3}, y\right) \text{ and } (-1, 1); \text{ slope: } -\frac{3}{5}$$

$$558) \left(\frac{5}{4}, -1\frac{3}{4}\right) \text{ and } (2, y); \text{ slope: } \frac{11}{3}$$

0

1

$$559) \left(-1\frac{1}{6}, y\right) \text{ and } \left(-\frac{13}{10}, -1\right); \text{ slope: } \frac{65}{4} 1 \frac{1}{6}$$

$$560) \left(-\frac{8}{5}, \frac{7}{6}\right) \text{ and } \left(-1\frac{5}{8}, y\right); \text{ slope: } \frac{110}{3} \frac{1}{4}$$

$$561) \left(1\frac{1}{4}, y\right) \text{ and } \left(-2, 5\frac{5}{9}\right); \text{ slope: } -\frac{32}{9}$$

$$562) \left(\frac{1}{2}, 1\right) \text{ and } \left(\frac{4}{5}, y\right); \text{ slope: } -\frac{140}{9} -3 \frac{2}{3}$$

-6

$$563) \left(-1, -\frac{7}{4}\right) \text{ and } \left(-\frac{4}{3}, y\right); \text{ slope: } -3 - \frac{3}{4}$$

$$564) \left(1\frac{1}{2}, y\right) \text{ and } \left(\frac{7}{6}, 3\frac{5}{6}\right); \text{ slope: } -\frac{11}{2}$$

2

$$565) \left(-\frac{2}{3}, \frac{1}{2}\right) \text{ and } \left(\frac{1}{6}, y\right); \text{ slope: } 0 \frac{1}{2}$$

$$566) (2, y) \text{ and } \left(\frac{3}{2}, -\frac{1}{2}\right); \text{ slope: } -\frac{4}{3} -1 \frac{1}{6}$$

$$567) \left(\frac{5}{3}, y\right) \text{ and } \left(2, -1\frac{7}{10}\right); \text{ slope: } \frac{9}{10}$$

$$568) \left(\frac{2}{5}, -1\right) \text{ and } \left(-\frac{7}{5}, y\right); \text{ slope: } -\frac{20}{3}$$

-2

11

$$569) (1, y) \text{ and } \left(\frac{4}{5}, 3\frac{2}{3}\right); \text{ slope: } -\frac{35}{6} 2 \frac{1}{2}$$

$$570) (1, y) \text{ and } \left(2, 4\frac{1}{6}\right); \text{ slope: } \frac{13}{6}$$

2

$$571) \left(1\frac{4}{9}, -\frac{1}{9}\right) \text{ and } (0, y); \text{ slope: } 1 - \frac{14}{9}$$

$$572) \left(\frac{1}{6}, -\frac{5}{4}\right) \text{ and } (0, y); \text{ slope: } 0 - \frac{5}{4}$$

$$573) \left(\frac{2}{3}, \frac{4}{3}\right) \text{ and } (1, y); \text{ slope: } -7$$

$$574) \left(\frac{4}{5}, y\right) \text{ and } \left(\frac{6}{7}, -8\right); \text{ slope: } -\frac{525}{4} - \frac{1}{2}$$

-1

575) $\left(-\frac{5}{7}, y\right)$ and $\left(-11, 5\frac{7}{9}\right)$; slope: $-\frac{7}{9}-2\frac{2}{9}$

576) $\left(-\frac{6}{5}, y\right)$ and $\left(-1, -1\frac{2}{7}\right)$; slope: $\frac{10}{7}-\frac{11}{7}$

577) $(-2, 1)$ and $(0, y)$; slope: $\frac{9}{5}4\frac{3}{5}$

578) $\left(\frac{16}{9}, 0\right)$ and $(2, y)$; slope: $-\frac{18}{5}-\frac{4}{5}$

579) $\left(\frac{7}{5}, \frac{1}{4}\right)$ and $\left(\frac{5}{3}, y\right)$; slope: $\frac{15}{4}5\frac{5}{4}$

580) $\left(1\frac{1}{2}, y\right)$ and $\left(1\frac{5}{6}, 3\frac{3}{10}\right)$; slope: $\frac{109}{10}-\frac{1}{3}$

581) $\left(\frac{3}{10}, y\right)$ and $\left(1\frac{3}{10}, 11\right)$; slope: 11

582) $\left(\frac{3}{5}, -\frac{1}{5}\right)$ and $\left(-\frac{7}{5}, y\right)$; slope: $-\frac{11}{10}$

0

2

583) $(1, y)$ and $(0, 1)$; slope: -1

584) $(2, y)$ and $\left(3\frac{1}{2}, -1\right)$; slope: $\frac{1}{3}-\frac{3}{2}$

0

585) $\left(-\frac{2}{9}, \frac{3}{2}\right)$ and $(0, y)$; slope: $-\frac{81}{8}-\frac{3}{4}$

586) $(-2, -11)$ and $\left(-1\frac{1}{4}, y\right)$; slope: 8

-5

587) $\left(-3\frac{5}{9}, y\right)$ and $(1, 7)$; slope: $\frac{9}{4}-3\frac{1}{4}$

588) $\left(2, -3\frac{1}{2}\right)$ and $\left(\frac{11}{6}, y\right)$; slope: $-\frac{72}{5}-\frac{11}{10}$

589) $\left(-2, 2\frac{7}{10}\right)$ and $\left(-\frac{5}{3}, y\right)$; slope: $-\frac{71}{10}1\frac{1}{3}$

590) $\left(1\frac{4}{5}, -1\frac{1}{5}\right)$ and $\left(\frac{8}{5}, y\right)$; slope: -56

10

591) $\left(-7, \frac{1}{6}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $0\frac{1}{6}$

592) $(0, y)$ and $\left(3\frac{1}{3}, -\frac{16}{9}\right)$; slope: $-\frac{5}{6}$

1

593) $\left(-1\frac{2}{3}, y\right)$ and $\left(-\frac{1}{3}, 0\right)$; slope: $\frac{33}{4}$

594) $\left(\frac{1}{2}, \frac{1}{2}\right)$ and $\left(\frac{11}{10}, y\right)$; slope: $\frac{65}{8}5\frac{3}{8}$

-11

595) $\left(\frac{1}{2}, y\right)$ and $\left(1, -\frac{3}{2}\right)$; slope: $-4\frac{1}{2}$

596) $(1, y)$ and $(0, -2)$; slope: -2

-4

597) $\left(-3\frac{5}{8}, -2\frac{1}{2}\right)$ and $\left(-3\frac{5}{6}, y\right)$; slope: $-\frac{188}{5}5\frac{1}{3}$

598) $\left(\frac{15}{8}, 3\frac{1}{3}\right)$ and $\left(\frac{9}{5}, y\right)$; slope: $-\frac{260}{9}5\frac{1}{2}$

599) $\left(\frac{1}{3}, 4\frac{5}{6}\right)$ and $\left(\frac{3}{5}, y\right)$; slope: $04\frac{5}{6}$

600) $\left(\frac{3}{4}, 4\frac{1}{5}\right)$ and $\left(\frac{5}{4}, y\right)$; slope: $04\frac{1}{5}$

Find the value of x so it matches given slope:

601) $\left(x, \frac{1}{10}\right)$ and $\left(-\frac{5}{9}, 3\frac{3}{5}\right)$; slope: $\frac{21}{4} - \frac{11}{9}$

602) $(x, 0)$ and $\left(-2, -\frac{1}{6}\right)$; slope: $\frac{1}{4} - \frac{4}{3}$

603) $\left(\frac{2}{7}, 8\right)$ and $\left(x, \frac{7}{4}\right)$; slope: $\frac{105}{2} \frac{1}{6}$

604) $\left(0, 4\frac{1}{6}\right)$ and $\left(x, \frac{9}{5}\right)$; slope: $-\frac{71}{6} \frac{1}{5}$

605) $\left(x, \frac{4}{3}\right)$ and $\left(1, -\frac{8}{7}\right)$; slope: $-\frac{52}{7} \frac{2}{3}$

606) $\left(-3\frac{3}{4}, \frac{5}{4}\right)$ and $(x, -1)$; slope: $-\frac{3}{7} \frac{3}{2}$

607) $(x, 2)$ and $(-14, -8)$; slope: $\frac{2}{3}$

608) $\left(5\frac{1}{2}, 5\frac{1}{8}\right)$ and $\left(x, \frac{3}{2}\right)$; slope: $\frac{87}{4} 5\frac{1}{3}$

1

609) $\left(x, 5\frac{5}{7}\right)$ and $\left(0, 4\frac{9}{14}\right)$; slope: undefined

610) $(x, 8)$ and $\left(-\frac{1}{2}, -2\frac{3}{4}\right)$; slope: $\frac{43}{2}$

0

611) $\left(1\frac{2}{3}, -1\frac{3}{4}\right)$ and $\left(x, -3\frac{1}{6}\right)$; slope: $-\frac{1}{8}$

612) $\left(5\frac{8}{11}, -\frac{1}{3}\right)$ and $\left(x, \frac{2}{3}\right)$; slope: $-11 5\frac{7}{11}$

13

613) $\left(\frac{3}{2}, 5\frac{3}{8}\right)$ and $(x, 1)$; slope: $\frac{35}{4}$

614) $\left(x, \frac{12}{7}\right)$ and $(4, 4)$; slope: $\frac{8}{7}$

1

615) $\left(x, -\frac{4}{3}\right)$ and $\left(-1, \frac{2}{3}\right)$; slope: 2

616) $\left(x, \frac{11}{8}\right)$ and $\left(-2\frac{2}{7}, -1\right)$; slope: $\frac{7}{4} - \frac{13}{14}$

-2

617) $\left(x, -2\frac{2}{3}\right)$ and $\left(-\frac{3}{4}, 1\right)$; slope: undefined $-\frac{3}{4}$

618) $\left(2\frac{3}{14}, -\frac{13}{14}\right)$ and $(x, 1)$; slope: -9

2

619) $\left(0, 6\frac{1}{6}\right)$ and $\left(x, -\frac{4}{3}\right)$; slope: $-\frac{35}{6} 1\frac{2}{7}$

620) $\left(-1, -1\frac{1}{3}\right)$ and $\left(x, 1\frac{1}{3}\right)$; slope: $-\frac{52}{3} - \frac{15}{13}$

621) $\left(x, -\frac{12}{7}\right)$ and $\left(\frac{1}{3}, \frac{3}{2}\right)$; slope: $\frac{90}{7} \frac{1}{12}$

622) $\left(-\frac{3}{2}, 3\frac{1}{5}\right)$ and $(x, 1)$; slope: $-\frac{33}{5} - \frac{7}{6}$

623) $\left(x, -\frac{11}{13}\right)$ and $\left(\frac{3}{2}, \frac{11}{9}\right)$; slope: $\frac{44}{9} - \frac{14}{13}$

624) $\left(-2\frac{7}{10}, 4\frac{1}{8}\right)$ and $(x, 9)$; slope: $\frac{13}{4} - \frac{6}{5}$

625) $\left(x, \frac{5}{6}\right)$ and $\left(\frac{4}{3}, 2\right)$; slope: $\frac{7}{5} - \frac{1}{2}$

626) $\left(-1\frac{3}{4}, 2\right)$ and $\left(x, 14\frac{1}{3}\right)$; slope: $\frac{148}{9}$

627) $\left(x, -3\frac{7}{8}\right)$ and $\left(-3\frac{7}{8}, \frac{5}{3}\right)$; slope: $-\frac{133}{9} - 3\frac{1}{2}$

628) $\left(-\frac{1}{12}, -1\frac{7}{12}\right)$ and $\left(x, \frac{2}{5}\right)$; slope: $\frac{14}{5} - \frac{5}{8}$

629) $\left(2, -\frac{5}{3}\right)$ and $\left(x, 8\frac{5}{6}\right)$; slope: $-\frac{3}{2}$

630) $\left(\frac{1}{6}, -1\frac{1}{4}\right)$ and $\left(x, \frac{1}{3}\right)$; slope: $-\frac{19}{2}$

-5

0

631) $\left(x, \frac{4}{3}\right)$ and $\left(-\frac{3}{2}, -\frac{5}{3}\right)$; slope: $-12 - 1\frac{3}{4}$

632) $\left(-1, \frac{2}{3}\right)$ and $\left(x, -\frac{3}{5}\right)$; slope: $\frac{57}{10} - \frac{11}{9}$

633) $\left(x, \frac{1}{2}\right)$ and $\left(\frac{2}{5}, -7\right)$; slope: $-\frac{25}{3} - \frac{1}{2}$

634) $\left(\frac{5}{9}, 1\right)$ and $\left(x, -\frac{7}{6}\right)$; slope: $-\frac{13}{6} - 1\frac{5}{9}$

635) $\left(\frac{5}{3}, 10\right)$ and $(x, -2)$; slope: $6 - \frac{1}{3}$

636) $\left(2\frac{2}{3}, -\frac{3}{14}\right)$ and $\left(x, 7\frac{1}{2}\right)$; slope: $-\frac{1053}{7} - 2\frac{8}{13}$

637) $\left(\frac{1}{2}, 5\frac{13}{14}\right)$ and $\left(x, 1\frac{3}{10}\right)$; slope: $-\frac{36}{7} - \frac{7}{5}$

638) $\left(x, \frac{8}{9}\right)$ and $\left(\frac{13}{9}, -\frac{7}{6}\right)$; slope: $-\frac{37}{2} - \frac{4}{3}$

639) $\left(1, -1\frac{1}{4}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $-\frac{8}{3} - \frac{1}{4}$

640) $(x, 1)$ and $\left(1, 3\frac{1}{2}\right)$; slope: $2 - \frac{1}{4}$

641) $(x, 1)$ and $\left(-\frac{1}{10}, \frac{2}{5}\right)$; slope: 6

642) $\left(x, \frac{9}{7}\right)$ and $(-1, -2)$; slope: $\frac{23}{7}$

0

0

643) $\left(-\frac{1}{2}, 2\frac{7}{12}\right)$ and $(x, -1)$; slope: $\frac{43}{2} - \frac{2}{3}$

644) $\left(x, -3\frac{2}{3}\right)$ and $\left(3\frac{7}{12}, \frac{2}{3}\right)$; slope: $\frac{13}{5} - \frac{23}{12}$

645) $\left(-\frac{4}{9}, -\frac{23}{12}\right)$ and $(x, 1)$; slope: $\frac{21}{2} - \frac{1}{6}$

646) $\left(4\frac{1}{4}, -\frac{1}{2}\right)$ and $(x, -10)$; slope: $-\frac{38}{5} - 5\frac{1}{2}$

647) $(x, -5)$ and $(\frac{1}{3}, -3\frac{1}{4})$; slope: $-\frac{21}{8}$

1

649) $(x, -\frac{9}{13})$ and $(-\frac{1}{6}, -\frac{23}{13})$; slope: $-\frac{12}{5} - \frac{8}{13}$

651) $(x, 1\frac{1}{4})$ and $(-\frac{5}{4}, 7\frac{3}{10})$; slope: $\frac{121}{5} - 1\frac{1}{2}$

653) $(x, -\frac{21}{11})$ and $(\frac{4}{5}, -\frac{10}{11})$; slope: $\frac{65}{2} \frac{10}{13}$

655) $(x, 4\frac{1}{2})$ and $(\frac{2}{9}, -3\frac{1}{4})$; slope: $-\frac{279}{5} \frac{1}{12}$

657) $(-1, -\frac{7}{4})$ and $(x, \frac{1}{4})$; slope: $\frac{8}{3} - \frac{1}{4}$

659) $(x, 1\frac{1}{4})$ and $(-1, 3\frac{3}{4})$; slope: $-\frac{45}{8} - \frac{5}{9}$

661) $(1, \frac{4}{3})$ and $(x, \frac{5}{3})$; slope: $\frac{4}{3} 1 \frac{1}{4}$

663) $(-\frac{1}{10}, -\frac{1}{6})$ and $(x, \frac{1}{5})$; slope: $-\frac{1}{3} - \frac{6}{5}$

665) $(1, \frac{3}{2})$ and $(x, -\frac{7}{4})$; slope: $-\frac{7}{2} 1 \frac{13}{14}$

667) $(x, 1\frac{2}{3})$ and $(\frac{8}{9}, -\frac{5}{6})$; slope: $-\frac{9}{5} - \frac{1}{2}$

669) $(2, -3\frac{1}{12})$ and $(x, 5\frac{2}{3})$; slope: $-\frac{35}{8}$

0

648) $(1\frac{3}{10}, 7\frac{2}{3})$ and $(x, 6\frac{1}{6})$; slope: $-\frac{55}{9} \frac{17}{11}$

650) $(4\frac{3}{14}, \frac{25}{14})$ and $(x, \frac{5}{12})$; slope: $-\frac{345}{2} 4 \frac{2}{9}$

652) $(2, 0)$ and $(x, -2\frac{3}{10})$; slope: $\frac{23}{5} \frac{3}{2}$

654) $(x, -\frac{5}{4})$ and $(\frac{5}{4}, \frac{1}{6})$; slope: $\frac{17}{3}$

1

656) $(\frac{1}{3}, \frac{19}{12})$ and $(x, 0)$; slope: $-\frac{57}{4} \frac{4}{9}$

658) $(x, \frac{2}{3})$ and $(\frac{7}{10}, -3\frac{7}{12})$; slope: $-\frac{65}{6} \frac{4}{13}$

660) $(x, -2\frac{1}{6})$ and $(\frac{1}{3}, 13)$; slope: $\frac{91}{8}$

-1

662) $(\frac{1}{4}, \frac{3}{5})$ and $(x, -2)$; slope: $-\frac{4}{9} 6 \frac{1}{10}$

664) $(x, \frac{1}{9})$ and $(-\frac{1}{2}, -1)$; slope: $-\frac{20}{9}$

-1

666) $(\frac{2}{3}, -1)$ and $(x, 7)$; slope: $-6 - \frac{2}{3}$

668) $(x, \frac{11}{7})$ and $(12, 5)$; slope: $\frac{8}{7}$

9

670) $(x, \frac{1}{14})$ and $(1\frac{2}{3}, -\frac{1}{2})$; slope: $-\frac{4}{7} \frac{2}{3}$

$$671) (x, 8) \text{ and } \left(\frac{5}{3}, -2\right); \text{ slope: } -\frac{15}{7}$$

-3

$$673) \left(-\frac{2}{3}, 10\right) \text{ and } \left(x, \frac{7}{10}\right); \text{ slope: } \frac{279}{10}$$

-1

$$675) (x, 1) \text{ and } \left(-1, -3\frac{2}{3}\right); \text{ slope: undefined}$$

-1

$$677) \left(x, 1\frac{9}{10}\right) \text{ and } \left(2\frac{3}{7}, 7\frac{1}{5}\right); \text{ slope: } \frac{91}{10} 1 \frac{11}{13}$$

$$679) \left(2\frac{7}{11}, -10\frac{13}{14}\right) \text{ and } (x, -1); \text{ slope: } -\frac{6116}{7} 2 \frac{5}{8}$$

$$681) \left(x, \frac{1}{12}\right) \text{ and } \left(1\frac{2}{3}, 1\right); \text{ slope: } \frac{5}{8} 1 \frac{1}{5}$$

$$683) \left(x, 6\frac{5}{6}\right) \text{ and } \left(-1\frac{1}{3}, 5\frac{11}{12}\right); \text{ slope: } \frac{1}{6} 4 \frac{1}{6}$$

$$685) \left(6\frac{3}{10}, \frac{6}{5}\right) \text{ and } (x, 0); \text{ slope: } \frac{3}{2} 5 \frac{1}{2}$$

$$687) \left(x, \frac{1}{2}\right) \text{ and } \left(\frac{2}{9}, -1\frac{1}{6}\right); \text{ slope: } \frac{15}{7}$$

1

$$689) \left(x, 3\frac{1}{9}\right) \text{ and } \left(-\frac{1}{2}, \frac{3}{2}\right); \text{ slope: } \frac{2}{3} 23 \frac{12}{12}$$

$$691) (x, -13) \text{ and } \left(\frac{1}{7}, 5\frac{3}{7}\right); \text{ slope: } \frac{129}{8}$$

-1

$$693) \left(x, 4\frac{2}{3}\right) \text{ and } \left(-\frac{3}{2}, 6\frac{1}{9}\right); \text{ slope: } -\frac{182}{9} -\frac{10}{7}$$

$$672) (x, -2) \text{ and } \left(0, 6\frac{1}{2}\right); \text{ slope: undefined}$$

0

$$674) \left(-\frac{1}{2}, \frac{7}{4}\right) \text{ and } \left(x, 2\frac{1}{4}\right); \text{ slope: } -\frac{1}{3}$$

-2

$$676) (x, 7) \text{ and } \left(\frac{3}{4}, -2\frac{2}{3}\right); \text{ slope: } \frac{116}{3}$$

1

$$678) \left(-\frac{5}{4}, -2\frac{2}{3}\right) \text{ and } (x, 8); \text{ slope: } -\frac{128}{3} -\frac{3}{2}$$

$$680) (x, -1) \text{ and } \left(-\frac{1}{3}, 2\frac{8}{9}\right); \text{ slope: } \frac{35}{3} -\frac{2}{3}$$

$$682) \left(-2\frac{3}{4}, -14\right) \text{ and } \left(x, \frac{1}{2}\right); \text{ slope: } \frac{29}{2} -\frac{7}{4}$$

$$684) \left(-\frac{2}{9}, 7\frac{1}{2}\right) \text{ and } \left(x, 6\frac{1}{2}\right); \text{ slope: } \frac{9}{7}$$

-1

$$686) \left(\frac{1}{6}, \frac{1}{6}\right) \text{ and } \left(x, \frac{4}{3}\right); \text{ slope: } \frac{7}{2} 1 \frac{1}{2}$$

$$688) (x, -8) \text{ and } \left(\frac{4}{3}, 6\frac{7}{10}\right); \text{ slope: } \frac{63}{4} 2 \frac{5}{5}$$

$$690) \left(x, 2\frac{3}{4}\right) \text{ and } \left(\frac{7}{4}, \frac{1}{2}\right); \text{ slope: } -\frac{9}{10} -\frac{3}{4}$$

$$692) \left(x, 1\frac{3}{7}\right) \text{ and } (2, 10); \text{ slope: } \frac{12}{5} -1 \frac{4}{7}$$

$$694) \left(\frac{1}{4}, \frac{17}{9}\right) \text{ and } \left(x, \frac{5}{9}\right); \text{ slope: } -\frac{16}{9}$$

1

695) $(x, 13)$ and $(-\frac{5}{7}, -2)$; slope: $\frac{21}{8}$

5

697) $(x, 4\frac{4}{7})$ and $(-3, -2)$; slope: $\frac{46}{7}$

-2

699) $(x, -\frac{1}{12})$ and $(2\frac{2}{11}, -3\frac{5}{12})$; slope: $\frac{165}{2} 2\frac{2}{9}$

696) $(2, -2\frac{1}{2})$ and $(x, -\frac{2}{3})$; slope: $-\frac{33}{4} 1\frac{7}{9}$

698) $(\frac{5}{6}, -\frac{15}{8})$ and $(x, 4\frac{1}{6})$; slope: $\frac{25}{4} 1\frac{4}{5}$

700) $(x, 0)$ and $(\frac{19}{12}, \frac{16}{9})$; slope: $\frac{16}{3} 1\frac{1}{4}$

Find the value of y so it matches given slope:

701) $(7\frac{7}{16}, y)$ and $(\frac{17}{16}, \frac{1}{2})$; slope: $-\frac{1}{3} -\frac{13}{8}$

702) $(-\frac{17}{15}, \frac{5}{3})$ and $(-\frac{4}{5}, y)$; slope: $-\frac{29}{4} -\frac{3}{4}$

703) $(10\frac{1}{5}, y)$ and $(9\frac{5}{6}, -\frac{5}{7})$; slope: $\frac{6}{7} -\frac{2}{5}$

704) $(-4, \frac{1}{2})$ and $(-1, y)$; slope: $-\frac{5}{6}$

-2

705) $(-\frac{3}{4}, y)$ and $(-\frac{5}{4}, -\frac{1}{6})$; slope: $\frac{95}{6} 7\frac{3}{4}$

706) $(\frac{1}{12}, -\frac{5}{3})$ and $(\frac{1}{6}, y)$; slope: $583\frac{1}{6}$

707) $(-\frac{6}{5}, \frac{7}{5})$ and $(-1, y)$; slope: 83

708) $(1, y)$ and $(-2, 5)$; slope: -1

2

18

709) $(\frac{18}{11}, y)$ and $(2\frac{1}{2}, \frac{5}{18})$; slope: $-\frac{11}{9} 4\frac{3}{3}$

710) $(8\frac{11}{14}, 6\frac{2}{3})$ and $(8\frac{3}{4}, y)$; slope: $-\frac{826}{9} 9\frac{17}{18}$

711) $(\frac{5}{4}, -3\frac{1}{18})$ and $(2\frac{5}{12}, y)$; slope: $\frac{62}{7} 7\frac{5}{18}$

712) $(\frac{6}{5}, -1\frac{8}{9})$ and $(\frac{7}{5}, y)$; slope: $\frac{40}{9}$

-1

713) $(2, y)$ and $(2\frac{5}{6}, 1)$; slope: $-\frac{3}{7} 1\frac{5}{14}$

714) $(-1, -\frac{1}{2})$ and $(-1\frac{4}{5}, y)$; slope: $\frac{45}{8}$

-5

715) $(-\frac{35}{18}, y)$ and $(-1\frac{1}{4}, \frac{2}{9})$; slope: $\frac{16}{5}$

716) $(8\frac{1}{2}, y)$ and $(8\frac{7}{9}, 0)$; slope: $\frac{9}{5} -\frac{1}{2}$

-2

717) $(-\frac{1}{2}, 4\frac{1}{7})$ and $(\frac{3}{14}, y)$; slope: $-\frac{43}{5}$

718) $(0, \frac{3}{10})$ and $(\frac{7}{20}, y)$; slope: $-\frac{83}{7} -3\frac{17}{20}$

-2

719) $\left(-1\frac{9}{20}, 3\frac{3}{5}\right)$ and $(-1, y)$; slope: $-\frac{32}{3}-\frac{6}{5}$

720) $\left(-\frac{2}{5}, y\right)$ and $\left(-\frac{6}{5}, 4\frac{2}{5}\right)$; slope: $-\frac{39}{8}-\frac{1}{2}$

721) $\left(\frac{2}{9}, y\right)$ and $\left(\frac{3}{11}, -\frac{14}{9}\right)$; slope: $-\frac{77}{5}-\frac{7}{9}$

722) $\left(-\frac{11}{8}, -\frac{11}{8}\right)$ and $\left(\frac{8}{5}, y\right)$; slope: $\frac{10}{7}-2\frac{7}{8}$

723) $\left(2\frac{1}{7}, y\right)$ and $\left(2\frac{2}{13}, 2\frac{11}{12}\right)$; slope: $\frac{728}{3}-\frac{1}{4}$

724) $\left(-\frac{4}{3}, y\right)$ and $(-3, 0)$; slope: 0

0

725) $\left(4\frac{1}{4}, -1\right)$ and $\left(2\frac{1}{2}, y\right)$; slope: $-\frac{18}{7}-3\frac{1}{2}$

726) $\left(-\frac{11}{10}, -3\frac{4}{5}\right)$ and $\left(\frac{4}{5}, y\right)$; slope: $\frac{7}{6}-\frac{19}{12}$

727) $\left(\frac{1}{3}, 6\frac{4}{5}\right)$ and $(1, y)$; slope: $-\frac{201}{5}$

728) $\left(\frac{4}{3}, y\right)$ and $\left(1\frac{3}{4}, 1\right)$; slope: $-\frac{6}{5}-\frac{3}{2}$

-20

729) $\left(\frac{8}{13}, y\right)$ and $\left(\frac{13}{20}, -\frac{18}{13}\right)$; slope: $-\frac{835}{3}-8\frac{1}{4}$

730) $\left(-\frac{3}{2}, \frac{7}{6}\right)$ and $\left(-1\frac{2}{3}, y\right)$; slope: $-\frac{103}{5}-4\frac{3}{5}$

731) $(3, y)$ and $\left(\frac{15}{8}, 7\frac{5}{16}\right)$; slope: $-\frac{31}{6}-1\frac{1}{2}$

732) $\left(1\frac{3}{4}, y\right)$ and $\left(-\frac{1}{2}, \frac{11}{8}\right)$; slope: $0-\frac{11}{8}$

733) $(-2, y)$ and $\left(-\frac{13}{8}, -3\frac{5}{6}\right)$; slope: $0-3\frac{5}{6}$

734) $(0, 12)$ and $\left(\frac{3}{2}, y\right)$; slope: $-\frac{49}{6}-\frac{1}{4}$

735) $\left(2\frac{1}{4}, y\right)$ and $\left(-\frac{5}{4}, 9\frac{1}{5}\right)$; slope: $-\frac{23}{10}-\frac{23}{20}$

736) $\left(0, -1\frac{7}{16}\right)$ and $\left(-\frac{1}{2}, y\right)$; slope: $-\frac{47}{8}-\frac{3}{2}$

737) $(3, y)$ and $\left(-\frac{9}{5}, -\frac{1}{5}\right)$; slope: $\frac{27}{8}$

738) $\left(\frac{1}{5}, y\right)$ and $\left(\frac{1}{15}, -11\right)$; slope: 0

16

-11

739) $\left(\frac{4}{5}, y\right)$ and $\left(\frac{13}{16}, 10\frac{1}{6}\right)$; slope: $\frac{2320}{3}-\frac{1}{2}$

740) $\left(\frac{5}{3}, 4\frac{11}{12}\right)$ and $\left(-1\frac{1}{6}, y\right)$; slope: $\frac{11}{4}-2\frac{7}{8}$

741) $\left(5\frac{5}{6}, y\right)$ and $\left(\frac{1}{2}, -16\right)$; slope: $\frac{15}{4}$

742) $\left(-\frac{1}{5}, \frac{8}{5}\right)$ and $\left(-\frac{1}{2}, y\right)$; slope: $\frac{31}{3}-\frac{3}{2}$

4

743) $\left(4\frac{1}{2}, 8\frac{1}{2}\right)$ and $\left(\frac{3}{2}, y\right)$; slope: $\frac{8}{3}$

744) $\left(1\frac{1}{4}, y\right)$ and $\left(2\frac{5}{18}, -1\right)$; slope: $-\frac{9}{4}$

745) $\left(\frac{4}{3}, y\right)$ and $\left(\frac{1}{8}, 10\frac{4}{15}\right)$; slope: $-\frac{58}{5}$

746) $\left(6\frac{1}{6}, \frac{1}{5}\right)$ and $\left(4\frac{4}{9}, y\right)$; slope: $\frac{8}{5}$

747) $\left(\frac{9}{20}, 9\frac{4}{5}\right)$ and $\left(\frac{7}{12}, y\right)$; slope: $-\frac{178}{3}$

748) $\left(10\frac{4}{11}, 1\frac{11}{18}\right)$ and $\left(10\frac{7}{18}, y\right)$; slope: -77

749) $\left(-\frac{8}{5}, y\right)$ and $\left(-\frac{1}{10}, -2\right)$; slope: $-\frac{11}{6}$

750) $\left(\frac{1}{6}, 6\frac{3}{4}\right)$ and $(0, y)$; slope: $\frac{65}{2}$

751) $(-1, y)$ and $\left(-\frac{7}{4}, -\frac{2}{3}\right)$; slope: $\frac{7}{3}$

752) $\left(3\frac{1}{4}, -2\frac{7}{8}\right)$ and $(1, y)$; slope: $-\frac{10}{9}$

753) $(2, y)$ and $\left(\frac{5}{3}, \frac{3}{5}\right)$; slope: $-\frac{19}{5}$

754) $\left(\frac{11}{6}, y\right)$ and $\left(\frac{4}{3}, \frac{4}{3}\right)$; slope: $\frac{1}{6}$

755) $\left(\frac{9}{14}, 10\frac{5}{7}\right)$ and $(0, y)$; slope: $\frac{59}{9}$

756) $(2, y)$ and $\left(1, \frac{1}{2}\right)$; slope: 1

757) $\left(-\frac{3}{2}, 10\frac{3}{8}\right)$ and $\left(-\frac{3}{4}, y\right)$; slope: $-\frac{67}{6}$

758) $\left(\frac{5}{3}, y\right)$ and $\left(1\frac{7}{11}, -\frac{31}{18}\right)$; slope: $\frac{209}{6}$

2

759) $\left(\frac{20}{19}, y\right)$ and $\left(\frac{4}{3}, 7\frac{1}{3}\right)$; slope: $\frac{95}{4}$

760) $\left(-\frac{2}{3}, y\right)$ and $\left(-\frac{1}{6}, 0\right)$; slope: $\frac{5}{9}$

761) $\left(-\frac{12}{13}, -\frac{11}{9}\right)$ and $\left(-\frac{4}{9}, y\right)$; slope: $-\frac{13}{8}$

762) $\left(\frac{5}{9}, 7\right)$ and $(-1, y)$; slope: $\frac{39}{10}$

-2

763) $\left(2, 10\frac{5}{6}\right)$ and $\left(\frac{5}{7}, y\right)$; slope: $7\frac{11}{6}$

764) $\left(-\frac{2}{3}, y\right)$ and $\left(\frac{1}{2}, -1\frac{11}{18}\right)$; slope: $\frac{1}{3}$

-2

765) $\left(\frac{1}{3}, -\frac{3}{2}\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{45}{4}$

766) $(6, 15)$ and $\left(-\frac{10}{13}, y\right)$; slope: $\frac{13}{6}$

767) $\left(\frac{4}{5}, \frac{3}{5}\right)$ and $(0, y)$; slope: $-\frac{3}{4} \frac{6}{5}$

768) $\left(-2\frac{5}{6}, 2\frac{11}{12}\right)$ and $(-2, y)$; slope: $\frac{19}{5} 6\frac{1}{12}$

769) $\left(-1\frac{7}{13}, y\right)$ and $\left(-\frac{3}{2}, \frac{2}{13}\right)$; slope: $-\frac{487}{5} 3\frac{9}{10}$

770) $\left(\frac{7}{10}, \frac{5}{4}\right)$ and $\left(\frac{2}{3}, y\right)$; slope: $\frac{9}{2} \frac{11}{10}$

771) $\left(\frac{4}{13}, y\right)$ and $(1, 15)$; slope: $\frac{182}{9}$

772) $\left(9\frac{3}{4}, -\frac{3}{2}\right)$ and $\left(\frac{7}{4}, y\right)$; slope: $-\frac{3}{8} \frac{3}{2}$

1

773) $(-1, 2)$ and $(13, y)$; slope: $\frac{1}{4} 5\frac{1}{2}$

774) $(-2, y)$ and $\left(\frac{1}{2}, \frac{5}{3}\right)$; slope: $-\frac{5}{3} 5\frac{5}{6}$

775) $(3, -9)$ and $(-2, y)$; slope: $-\frac{8}{5}$

776) $\left(2\frac{5}{14}, -\frac{6}{7}\right)$ and $\left(-2\frac{5}{7}, y\right)$; slope: $-\frac{1}{3} \frac{5}{6}$

-1

777) $\left(9\frac{7}{12}, y\right)$ and $\left(7\frac{11}{12}, 1\right)$; slope: $-\frac{3}{5}$

778) $\left(-\frac{3}{4}, y\right)$ and $\left(-\frac{9}{10}, 1\frac{1}{12}\right)$; slope: $\frac{55}{3} 3\frac{5}{6}$

0

779) $\left(\frac{1}{6}, y\right)$ and $\left(\frac{2}{3}, -\frac{1}{2}\right)$; slope: $-2\frac{1}{2}$

780) $\left(-\frac{1}{2}, y\right)$ and $\left(\frac{8}{19}, -2\frac{1}{2}\right)$; slope: $-\frac{19}{5}$

1

781) $\left(7\frac{14}{15}, y\right)$ and $\left(-3\frac{3}{10}, -\frac{4}{9}\right)$; slope: $\frac{1}{3} 3\frac{3}{10}$

782) $\left(\frac{3}{5}, 10\right)$ and $\left(\frac{1}{2}, y\right)$; slope: $\frac{5}{2} 9\frac{3}{4}$

783) $\left(\frac{5}{11}, -14\right)$ and $\left(\frac{3}{7}, y\right)$; slope: $-\frac{1694}{3} \frac{2}{3}$

784) $\left(2\frac{13}{14}, y\right)$ and $\left(8\frac{1}{8}, 6\frac{1}{2}\right)$; slope: $\frac{14}{9} -\frac{19}{12}$

785) $\left(\frac{3}{2}, y\right)$ and $\left(-\frac{1}{2}, 0\right)$; slope: 0

786) $\left(\frac{17}{15}, y\right)$ and $\left(\frac{4}{5}, -1\frac{2}{3}\right)$; slope: $\frac{43}{2} 5\frac{1}{2}$

0

787) $\left(\frac{3}{8}, -\frac{7}{4}\right)$ and $\left(-2\frac{3}{4}, y\right)$; slope: $-\frac{16}{5} 8\frac{1}{4}$

788) $\left(1\frac{1}{8}, y\right)$ and $\left(\frac{8}{9}, 7\frac{1}{6}\right)$; slope: $\frac{24}{5} 8\frac{3}{10}$

789) $(10, y)$ and $(0, 0)$; slope: $-\frac{1}{10}$

790) $\left(\frac{1}{3}, -\frac{3}{2}\right)$ and $(-3, y)$; slope: $-\frac{3}{5} \frac{1}{2}$

-1

791) $\left(-3\frac{1}{3}, y\right)$ and $\left(-3\frac{3}{20}, -\frac{3}{2}\right)$; slope: $0 - \frac{3}{2}$

792) $(-2, y)$ and $\left(10\frac{1}{2}, 4\right)$; slope: 0

4

793) $\left(1\frac{6}{11}, y\right)$ and $\left(\frac{9}{5}, \frac{1}{2}\right)$; slope: $-\frac{11}{7} - \frac{9}{10}$

794) $(0, y)$ and $\left(\frac{3}{2}, \frac{3}{2}\right)$; slope: $-\frac{1}{6} - \frac{7}{4}$

795) $\left(-\frac{3}{4}, y\right)$ and $\left(\frac{3}{2}, 2\right)$; slope: $\frac{3}{4} - \frac{5}{16}$

796) $\left(1, -\frac{3}{4}\right)$ and $\left(\frac{4}{7}, y\right)$; slope: $-\frac{87}{4} - \frac{4}{7}$

797) $(0, y)$ and $\left(-\frac{1}{3}, -\frac{4}{3}\right)$; slope: $\frac{25}{7} - \frac{1}{7}$

798) $\left(\frac{1}{3}, y\right)$ and $\left(-1, 5\frac{6}{7}\right)$; slope: $-\frac{36}{7}$

-1

799) $\left(\frac{4}{5}, y\right)$ and $\left(1, 1\frac{1}{3}\right)$; slope: $\frac{155}{3}$

800) $\left(3\frac{2}{3}, y\right)$ and $\left(5\frac{1}{2}, 3\frac{1}{4}\right)$; slope: $0 - 3\frac{1}{4}$

-9

Find the value of x so it matches given slope:

801) $\left(x, 4\frac{1}{2}\right)$ and $\left(-1\frac{14}{15}, 9\frac{3}{4}\right)$; slope: $\frac{315}{4}$

802) $\left(1, \frac{7}{6}\right)$ and $\left(x, -\frac{5}{3}\right)$; slope: $\frac{136}{9} - \frac{13}{16}$

-2

803) $\left(\frac{21}{20}, 7\frac{2}{3}\right)$ and $(x, 18)$; slope: $\frac{11780}{3} - \frac{20}{19}$

804) $(x, -2)$ and $\left(-\frac{1}{5}, 7\frac{2}{3}\right)$; slope: $-\frac{29}{3} - \frac{4}{5}$

805) $\left(-\frac{9}{5}, \frac{7}{6}\right)$ and $\left(x, 5\frac{3}{5}\right)$; slope: $\frac{38}{9} - \frac{3}{4}$

806) $\left(x, -1\frac{14}{15}\right)$ and $\left(\frac{1}{14}, \frac{5}{3}\right)$; slope: $-\frac{3276}{5} - \frac{1}{13}$

807) $\left(2\frac{2}{3}, 10\frac{5}{6}\right)$ and $(x, -11)$; slope: $-\frac{917}{8} - 2\frac{6}{7}$

808) $\left(\frac{11}{8}, 4\frac{3}{16}\right)$ and $(x, 0)$; slope: $\frac{1139}{6} - \frac{23}{17}$

809) $\left(x, -\frac{16}{17}\right)$ and $\left(3\frac{11}{12}, -\frac{17}{12}\right)$; slope: $-\frac{1}{7} - \frac{10}{17}$

810) $\left(\frac{19}{10}, 6\frac{7}{12}\right)$ and $\left(x, \frac{1}{4}\right)$; slope: $\frac{190}{7} - \frac{5}{3}$

811) $\left(-2, -12\frac{7}{10}\right)$ and $(x, -1)$; slope: $\frac{18}{5} - \frac{5}{4}$

812) $\left(x, \frac{1}{20}\right)$ and $\left(6\frac{5}{6}, 8\frac{1}{4}\right)$; slope: $-6 - 8\frac{1}{5}$

813) $\left(\frac{2}{5}, 2\frac{2}{5}\right)$ and $(x, 2)$; slope: $-\frac{1}{4}$

814) $(0, 1)$ and $\left(x, -3\frac{1}{5}\right)$; slope: $-\frac{42}{5} - \frac{1}{2}$

2

815) $\left(x, -\frac{2}{5}\right)$ and $\left(1\frac{2}{3}, \frac{15}{8}\right)$; slope: $\frac{273}{10} \frac{19}{12}$

816) $(1, 1)$ and $\left(x, 10\frac{1}{6}\right)$; slope: $\frac{33}{2} \frac{14}{9}$

817) $\left(-\frac{11}{10}, -14\right)$ and $\left(x, -\frac{1}{10}\right)$; slope: undefined $-\frac{11}{10}$

818) $\left(x, \frac{3}{8}\right)$ and $\left(9\frac{5}{18}, 2\frac{4}{9}\right)$; slope: $\frac{149}{8} 9\frac{1}{6}$

819) $\left(x, 7\frac{3}{4}\right)$ and $\left(1, 7\frac{1}{6}\right)$; slope: $-\frac{1}{3} -\frac{3}{4}$

820) $\left(x, 2\frac{7}{16}\right)$ and $\left(2\frac{19}{20}, 6\frac{1}{20}\right)$; slope: $\frac{289}{4} 2\frac{9}{10}$

821) $\left(9\frac{2}{3}, \frac{1}{3}\right)$ and $\left(x, -\frac{2}{3}\right)$; slope: $\frac{1}{8} \frac{5}{3}$

822) $\left(x, 4\frac{13}{14}\right)$ and $\left(\frac{4}{5}, -2\right)$; slope: undefined $\frac{4}{5}$

823) $\left(-3\frac{1}{2}, 7\frac{15}{16}\right)$ and $\left(x, -\frac{15}{16}\right)$; slope: undefined $-3\frac{1}{2}$

824) $(x, 2)$ and $\left(\frac{12}{13}, -6\right)$; slope: $-\frac{104}{7} \frac{5}{13}$

825) $\left(-\frac{29}{18}, -2\frac{17}{18}\right)$ and $\left(x, 6\frac{13}{20}\right)$; slope: $157 -1\frac{11}{20}$

826) $\left(-2, 8\frac{5}{8}\right)$ and $\left(x, \frac{3}{4}\right)$; slope: $-\frac{9}{8}$

5

827) $\left(-\frac{1}{2}, 3\frac{1}{2}\right)$ and $\left(x, \frac{13}{14}\right)$; slope: $-3 \frac{5}{14}$

828) $(x, 2)$ and $\left(-\frac{4}{3}, 19\right)$; slope: $-\frac{51}{4}$

0

829) $\left(2, 9\frac{5}{12}\right)$ and $\left(x, 3\frac{2}{3}\right)$; slope: $\frac{23}{8}$

830) $\left(x, -\frac{2}{3}\right)$ and $\left(-1, 1\frac{7}{15}\right)$; slope: $-\frac{32}{5} -\frac{2}{3}$

0

831) $\left(x, -\frac{1}{4}\right)$ and $\left(5\frac{11}{12}, 6\frac{1}{4}\right)$; slope: $\frac{6}{5} \frac{1}{2}$

832) $\left(-\frac{3}{2}, \frac{1}{2}\right)$ and $(x, -1)$; slope: -3

-1

833) $\left(x, -\frac{3}{2}\right)$ and $\left(\frac{1}{7}, 6\frac{1}{2}\right)$; slope: $-\frac{7}{6}$

834) $\left(x, 2\frac{13}{14}\right)$ and $\left(\frac{8}{5}, -\frac{3}{2}\right)$; slope: $-155 \frac{11}{7}$

7

835) $\left(x, -\frac{3}{2}\right)$ and $\left(-\frac{4}{5}, 0\right)$; slope: $\frac{15}{7} -\frac{3}{2}$

836) $\left(x, 8\frac{3}{10}\right)$ and $\left(-1, \frac{7}{15}\right)$; slope: $\frac{94}{9} -\frac{1}{4}$

837) $\left(x, \frac{2}{3}\right)$ and $\left(\frac{1}{7}, -2\right)$; slope: $\frac{77}{9} \frac{5}{11}$

838) $\left(1\frac{1}{2}, -\frac{8}{5}\right)$ and $(x, 1)$; slope: $\frac{13}{6} 2\frac{7}{10}$

839) $(-1, -1)$ and $(x, \frac{9}{5})$; slope: $\frac{21}{5} - \frac{1}{3}$

840) $(-\frac{30}{17}, 4\frac{10}{17})$ and $(x, -20)$; slope: undefined $-\frac{30}{17}$

841) $(x, \frac{2}{5})$ and $(1, -2)$; slope: $-\frac{12}{5}$

842) $(x, 11)$ and $(-\frac{1}{2}, 9\frac{4}{9})$; slope: $\frac{14}{9} \frac{1}{2}$

0

843) $(1, \frac{6}{5})$ and $(x, 1\frac{2}{3})$; slope: undefined

844) $(-\frac{7}{5}, -5)$ and $(x, 10\frac{1}{4})$; slope: undefined $-\frac{7}{5}$

1

845) $(x, -\frac{1}{4})$ and $(-2, 1\frac{7}{16})$; slope: $\frac{81}{8} - 2\frac{1}{6}$

846) $(x, \frac{2}{3})$ and $(-\frac{3}{2}, 7)$; slope: $\frac{76}{3} - \frac{7}{4}$

847) $(1, 9\frac{7}{15})$ and $(x, 7\frac{1}{6})$; slope: $\frac{23}{8} \frac{1}{5}$

848) $(4\frac{1}{2}, 7\frac{3}{8})$ and $(x, -14)$; slope: undefined $4\frac{1}{2}$

849) $(-\frac{5}{3}, -2)$ and $(x, 1)$; slope: $\frac{9}{8}$

850) $(-\frac{1}{2}, 1)$ and $(x, 1\frac{19}{20})$; slope: $\frac{19}{6} - \frac{1}{5}$

1

851) $(x, -\frac{1}{4})$ and $(-1\frac{9}{10}, -16)$; slope: $\frac{945}{4} - 1\frac{5}{6}$

852) $(x, 7\frac{1}{5})$ and $(-\frac{32}{17}, 6\frac{8}{15})$; slope: undefined $-\frac{32}{17}$

853) $(\frac{17}{18}, \frac{5}{3})$ and $(x, -\frac{15}{8})$; slope: $-\frac{255}{4}$

854) $(x, 10\frac{1}{12})$ and $(0, 5\frac{5}{6})$; slope: $-\frac{85}{4} - \frac{1}{5}$

1

855) $(x, \frac{7}{20})$ and $(2\frac{1}{2}, -\frac{1}{2})$; slope: $\frac{1}{5} 6\frac{3}{4}$

856) $(x, -1)$ and $(2, -17)$; slope: -4
 -2

857) $(x, -\frac{5}{6})$ and $(\frac{7}{12}, \frac{2}{3})$; slope: $\frac{9}{2} \frac{1}{4}$

858) $(x, 8\frac{1}{16})$ and $(0, \frac{7}{8})$; slope: $-\frac{1035}{8} - \frac{1}{18}$

859) $(\frac{1}{6}, 18)$ and $(x, -3\frac{1}{2})$; slope: $\frac{903}{10} - \frac{1}{14}$

860) $(\frac{1}{2}, -1)$ and $(x, 1)$; slope: $-\frac{4}{3}$

 -1

861) $(x, -11)$ and $(-\frac{3}{2}, 7\frac{1}{2})$; slope: 37

862) $(x, 4\frac{4}{11})$ and $(-\frac{4}{3}, 15)$; slope: $27 - \frac{19}{11}$

 -2

$$863) \left(x, \frac{19}{15}\right) \text{ and } \left(-\frac{1}{2}, -\frac{5}{9}\right); \text{ slope: } -\frac{164}{9} - \frac{3}{5}$$

$$864) \left(x, \frac{7}{4}\right) \text{ and } \left(-\frac{4}{9}, -\frac{2}{3}\right); \text{ slope: } -\frac{87}{8} - \frac{2}{3}$$

$$865) \left(5\frac{4}{11}, -1\frac{5}{6}\right) \text{ and } \left(x, 6\frac{11}{12}\right); \text{ slope: } \frac{55}{4}$$

$$866) \left(x, 5\frac{17}{18}\right) \text{ and } \left(-\frac{3}{4}, -\frac{3}{2}\right); \text{ slope: } -\frac{268}{9}$$

6

-1

$$867) (x, 15) \text{ and } (-2, -1); \text{ slope: } -128 - \frac{1}{8}$$

$$868) \left(x, -2\frac{6}{11}\right) \text{ and } \left(1\frac{3}{11}, -2\right); \text{ slope: } -\frac{1}{5}$$

4

$$869) \left(-1\frac{3}{10}, 6\frac{1}{15}\right) \text{ and } \left(x, -\frac{5}{9}\right); \text{ slope: } \frac{4768}{9} - \frac{21}{16}$$

$$870) \left(1, 6\frac{1}{5}\right) \text{ and } \left(x, \frac{13}{15}\right); \text{ slope: undefined}$$

1

$$871) \left(x, 9\frac{10}{19}\right) \text{ and } \left(\frac{3}{2}, -\frac{1}{12}\right); \text{ slope: } \frac{313}{6} - \frac{32}{19}$$

$$872) (x, 0) \text{ and } \left(-2, -\frac{15}{8}\right); \text{ slope: } \frac{75}{4} - \frac{19}{10}$$

$$873) \left(-\frac{7}{5}, -3\frac{3}{8}\right) \text{ and } \left(x, 3\frac{1}{2}\right); \text{ slope: } -\frac{275}{4} - \frac{3}{2}$$

$$874) (x, 18) \text{ and } \left(-\frac{3}{4}, -\frac{3}{4}\right); \text{ slope: } \frac{300}{7} - \frac{5}{16}$$

$$875) \left(x, \frac{7}{4}\right) \text{ and } \left(\frac{1}{2}, 8\frac{1}{4}\right); \text{ slope: undefined} \frac{1}{2}$$

$$876) \left(x, \frac{4}{5}\right) \text{ and } \left(\frac{7}{8}, 4\frac{5}{16}\right); \text{ slope: } -\frac{281}{10}$$

1

$$877) \left(-\frac{3}{5}, 3\frac{2}{3}\right) \text{ and } \left(x, \frac{4}{3}\right); \text{ slope: } -\frac{35}{9}$$

$$878) \left(x, \frac{5}{6}\right) \text{ and } \left(10\frac{11}{20}, 5\frac{8}{15}\right); \text{ slope: } \frac{47}{8} - \frac{3}{4}$$

0

$$879) (x, 0) \text{ and } \left(2, \frac{1}{2}\right); \text{ slope: } \frac{1}{7} - \frac{3}{2}$$

$$880) (3, -10) \text{ and } \left(x, \frac{6}{5}\right); \text{ slope: } -\frac{448}{5} - \frac{7}{8}$$

$$881) \left(x, -3\frac{1}{3}\right) \text{ and } \left(3\frac{7}{12}, 1\frac{1}{12}\right); \text{ slope: } -265 - \frac{3}{5}$$

$$882) (x, -18) \text{ and } \left(1\frac{1}{2}, 4\frac{1}{5}\right); \text{ slope: } -\frac{74}{5}$$

3

$$883) \left(-\frac{6}{7}, -19\right) \text{ and } \left(x, \frac{1}{6}\right); \text{ slope: } \frac{161}{3} - \frac{1}{2}$$

$$884) (x, -2) \text{ and } \left(1\frac{3}{8}, \frac{1}{4}\right); \text{ slope: } -\frac{18}{5}$$

2

$$885) \left(x, -\frac{1}{3}\right) \text{ and } \left(-1, 4\frac{1}{2}\right); \text{ slope: } -\frac{29}{5} - \frac{1}{6}$$

$$886) \left(0, \frac{4}{3}\right) \text{ and } \left(x, -\frac{14}{9}\right); \text{ slope: } -\frac{2}{7} - \frac{1}{9}$$

$$887) \left(x, -\frac{8}{5}\right) \text{ and } \left(1\frac{1}{5}, \frac{8}{5}\right); \text{ slope: } \frac{2}{7}$$

-10

$$889) \left(x, -\frac{3}{5}\right) \text{ and } \left(\frac{6}{7}, 7\right); \text{ slope: } -\frac{19}{5} 2\frac{6}{7}$$

$$891) \left(x, \frac{11}{18}\right) \text{ and } \left(1\frac{11}{12}, 2\frac{1}{8}\right); \text{ slope: } \frac{109}{6} 1\frac{5}{6}$$

$$893) \left(x, 6\frac{3}{4}\right) \text{ and } \left(-\frac{1}{2}, 2\frac{1}{20}\right); \text{ slope: } -3 -2\frac{1}{15}$$

$$895) \left(\frac{7}{4}, 0\right) \text{ and } (x, 1); \text{ slope: } \frac{3}{7} 4\frac{1}{12}$$

$$897) \left(\frac{1}{3}, -1\right) \text{ and } \left(x, -\frac{3}{2}\right); \text{ slope: } \frac{21}{2} \frac{2}{7}$$

$$899) \left(x, 1\frac{5}{6}\right) \text{ and } \left(-1\frac{9}{10}, -1\frac{1}{3}\right); \text{ slope: undefined} -1\frac{9}{10}$$

$$888) \left(x, -1\frac{4}{15}\right) \text{ and } \left(\frac{5}{6}, -\frac{1}{4}\right); \text{ slope: } -\frac{1}{10}$$

11

$$890) \left(x, 2\frac{3}{4}\right) \text{ and } \left(-\frac{8}{5}, 10\frac{7}{12}\right); \text{ slope: } -\frac{47}{3} -1\frac{1}{10}$$

$$892) (2, -2) \text{ and } \left(x, -\frac{8}{5}\right); \text{ slope: } -\frac{1}{5}$$

0

$$894) (0, 0) \text{ and } (x, 1); \text{ slope: undefined}$$

0

$$896) \left(-2\frac{4}{9}, 8\frac{5}{6}\right) \text{ and } \left(x, -\frac{2}{3}\right); \text{ slope: } 19 -2\frac{17}{18}$$

$$898) \left(2, -\frac{7}{6}\right) \text{ and } \left(x, \frac{1}{3}\right); \text{ slope: } -3\frac{3}{2}$$

$$900) \left(-\frac{1}{8}, -\frac{9}{5}\right) \text{ and } (x, -10); \text{ slope: } -\frac{328}{5}$$

0