

Two-step equations of fractions

Find the missing number:

$$1) \frac{1}{3}k - 2\frac{1}{2} = -1\frac{11}{12}$$

$$2) 1\frac{1}{5} + \frac{2}{3}n = 4\frac{8}{15}$$

$$3) 1\frac{1}{2} - \frac{1}{4}x = \frac{15}{32}$$

$$4) -2p - 2 = 2$$

$$5) -1 - 2\frac{1}{4}v = 5\frac{3}{4}$$

$$6) 2\frac{1}{3} + \frac{1}{3}m = 3\frac{7}{15}$$

$$7) 1\frac{1}{2}x + 2 = 4\frac{1}{4}$$

$$8) -3\frac{1}{4}m + \frac{2}{5} = -16\frac{7}{40}$$

$$9) -3\frac{1}{2} + \frac{1}{5}n = -3\frac{4}{15}$$

$$10) -2\frac{3}{5}x - 2\frac{4}{5} = -7\frac{12}{25}$$

$$11) -\frac{6}{5}k - 3\frac{1}{2} = -3\frac{1}{10}$$

$$12) -\frac{5}{3}n - \frac{1}{3} = 2\frac{4}{9}$$

$$13) -\frac{1}{5} - 2\frac{3}{5}m = -1\frac{11}{35}$$

$$14) 1\frac{1}{2}r + 1 = -1\frac{2}{5}$$

$$15) 1\frac{1}{2}p + \frac{4}{5} = 2\frac{69}{80}$$

$$16) 4n + \frac{9}{5} = \frac{3}{35}$$

$$17) -\frac{9}{5} + 2\frac{1}{3}v = -2\frac{23}{60}$$

$$18) \frac{1}{5} - \frac{3}{5}n = 1\frac{1}{10}$$

$$19) 1\frac{1}{2}x - 1\frac{1}{2} = -17\frac{1}{2}$$

$$20) 1\frac{2}{5}v - 2 = -\frac{1}{4}$$

$$21) 1 + \frac{2}{5}a = 2\frac{2}{3}$$

$$22) -3\frac{2}{5}k + 1\frac{1}{5} = 10\frac{39}{40}$$

$$23) -1\frac{4}{5} + \frac{1}{5}x = -1\frac{11}{40}$$

$$24) -2n + 2 = 4\frac{1}{2}$$

$$25) 1\frac{2}{5} - n = -1\frac{39}{40}$$

$$26) 2x - 1 = 1\frac{4}{5}$$

$$27) -2x + \frac{1}{4} = -4\frac{11}{20}$$

$$28) \frac{2}{5} - \frac{7}{5}b = 4\frac{31}{40}$$

$$29) \frac{7}{4} - \frac{1}{2}k = 2\frac{3}{8}$$

$$30) \frac{4}{5}b - \frac{1}{2} = 2\frac{7}{90}$$

$$31) 2v - 2\frac{3}{5} = -6\frac{3}{5}$$

$$32) -2\frac{3}{5}k - 1 = -7\frac{14}{15}$$

$$33) \frac{8}{5}n + \frac{1}{2} = -\frac{7}{50}$$

$$34) -3\frac{4}{5}x + 5\frac{3}{4} = 13\frac{139}{180}$$

$$35) -\frac{7}{4}p + 2\frac{1}{2} = 4\frac{11}{16}$$

$$36) \frac{1}{2}x + \frac{1}{2} = -\frac{13}{14}$$

$$37) 2x + \frac{4}{5} = 4\frac{26}{45}$$

$$38) -3\frac{1}{2}n + 2 = -3\frac{1}{18}$$

$$39) \frac{1}{2} + \frac{1}{4}x = \frac{3}{8}$$

$$40) -\frac{5}{3} + \frac{3}{2}n = -5\frac{2}{3}$$

$$41) -3 + \frac{7}{5}m = -5\frac{1}{5}$$

$$42) -3\frac{3}{5} - 2n = -4\frac{2}{5}$$

$$43) \frac{6}{5}x - \frac{1}{3} = 3\frac{7}{15}$$

$$44) 2\frac{2}{5} - 2a = -\frac{4}{5}$$

$$45) \frac{1}{4}x - 2\frac{1}{2} = -2\frac{15}{28}$$

$$46) 2\frac{3}{5} + 2b = -\frac{11}{15}$$

47) $-2\frac{2}{3}x + 2\frac{3}{5} = 5\frac{4}{15}$

48) $\frac{6}{5} - \frac{6}{5}n = -6$

49) $2\frac{1}{2}r - 3\frac{3}{5} = -4\frac{3}{5}$

50) $2\frac{1}{3} - \frac{4}{3}b = -3\frac{8}{27}$

51) $-\frac{2}{3}p - 2\frac{1}{2} = -1\frac{7}{30}$

52) $-3\frac{1}{2}r + 2\frac{4}{5} = 14\frac{7}{20}$

53) $-\frac{3}{2} - 2\frac{1}{3}n = 16$

54) $-\frac{5}{3}k - 2 = \frac{1}{2}$

55) $-2\frac{2}{5}p - \frac{1}{4} = -13\frac{69}{100}$

56) $2 - \frac{6}{5}x = 4\frac{4}{25}$

57) $-1\frac{1}{4}x + \frac{3}{5} = -\frac{11}{40}$

58) $\frac{4}{3}n + 1 = -12\frac{1}{3}$

59) $5 - 3\frac{1}{2}x = -15\frac{3}{10}$

60) $-3\frac{1}{2}a + \frac{1}{3} = 2\frac{23}{24}$

61) $-\frac{5}{3}v - 1\frac{3}{4} = -3\frac{5}{108}$

62) $-1 - 2\frac{2}{5}n = -1$

63) $-3\frac{1}{2}x + \frac{1}{2} = -3\frac{7}{18}$

64) $\frac{3}{5}k - \frac{1}{3} = -\frac{43}{75}$

65) $2\frac{2}{5}x + 2\frac{3}{5} = -\frac{19}{25}$

66) $1\frac{2}{5} - 2v = -6\frac{14}{15}$

67) $-3\frac{1}{2}r - \frac{6}{5} = -1\frac{1}{5}$

68) $\frac{1}{2}n - \frac{1}{2} = -1\frac{1}{8}$

69) $2\frac{1}{4}b - 3\frac{4}{5} = 7\frac{9}{20}$

70) $1\frac{1}{3} + \frac{1}{2}x = \frac{1}{30}$

$$71) \frac{1}{4} + \frac{1}{3}m = -\frac{7}{12}$$

$$72) 1\frac{1}{2} - 2a = -8\frac{5}{6}$$

$$73) 1\frac{1}{4}x - 2\frac{1}{5} = -4\frac{73}{140}$$

$$74) \frac{3}{2}x - 1 = -4\frac{3}{16}$$

$$75) -2k - 2 = 1\frac{1}{7}$$

$$76) 2\frac{1}{3}k + 1\frac{2}{3} = 4\frac{7}{12}$$

$$77) \frac{3}{5} - \frac{2}{3}v = \frac{1}{5}$$

$$78) -3k + 1\frac{2}{3} = -7\frac{14}{15}$$

$$79) -1\frac{2}{3}b + \frac{1}{5} = 3\frac{73}{90}$$

$$80) \frac{1}{4}k + 1\frac{1}{2} = 2\frac{1}{8}$$

$$81) -\frac{1}{2}n - 3 = -2\frac{1}{2}$$

$$82) -2x + 1\frac{1}{4} = -5\frac{1}{12}$$

$$83) -1 - \frac{1}{2}x = 0$$

$$84) 1 + 3x = 5\frac{1}{2}$$

$$85) -2 - \frac{3}{2}m = -14$$

$$86) 2\frac{1}{3}v + \frac{1}{3} = 1\frac{17}{27}$$

$$87) -\frac{2}{3} - 2\frac{1}{5}x = 2\frac{1}{45}$$

$$88) \frac{4}{5} + \frac{4}{5}n = 3\frac{1}{10}$$

$$89) -n + \frac{4}{5} = -\frac{14}{45}$$

$$90) -3\frac{1}{4} - \frac{8}{5}x = -3\frac{1}{4}$$

$$91) \frac{5}{3} + 1\frac{3}{5}x = 8\frac{13}{15}$$

$$92) 2r - \frac{1}{3} = -4\frac{2}{15}$$

$$93) 2a - 1 = -4\frac{1}{2}$$

$$94) -1\frac{1}{3}v - 3\frac{3}{5} = -2$$

$$95) -3\frac{1}{4} + 2m = -11\frac{25}{36}$$

$$96) -\frac{1}{5}v - \frac{3}{2} = -1\frac{9}{40}$$

$$97) -\frac{3}{4} + 2a = -20\frac{3}{4}$$

$$98) \frac{1}{4}p - \frac{4}{3} = -\frac{5}{6}$$

$$99) -2\frac{2}{3} - 2x = -6$$

$$100) -\frac{7}{5}x + 1\frac{1}{4} = -1\frac{1}{5}$$

$$101) -\frac{7}{8}x + 4\frac{4}{5} = 5\frac{4}{5}$$

$$102) \frac{4}{3}x - 1\frac{4}{7} = 7\frac{34}{63}$$

$$103) -\frac{3}{2}r - \frac{4}{3} = -2\frac{5}{24}$$

$$104) \frac{1}{4}p + 1\frac{1}{3} = 3\frac{17}{96}$$

$$105) -1 + 3r = 0$$

$$106) 4\frac{1}{8} + 5\frac{1}{3}n = 29\frac{29}{40}$$

$$107) -\frac{6}{5} - 2n = -3\frac{1}{55}$$

$$108) -\frac{1}{3} + 2\frac{5}{8}r = 4\frac{163}{384}$$

$$109) 1\frac{6}{7}n + 4\frac{3}{4} = 1\frac{29}{84}$$

$$110) -\frac{2}{3} + 3\frac{1}{3}m = 25\frac{2}{7}$$

$$111) 2 + 3\frac{3}{8}p = 2\frac{27}{104}$$

$$112) -1\frac{1}{2} + 1\frac{4}{7}m = 1\frac{9}{14}$$

$$113) \frac{2}{3}k + 2 = \frac{8}{45}$$

$$114) -\frac{5}{4}x + 4\frac{1}{3} = -2\frac{11}{48}$$

$$115) 2\frac{1}{6} - 3\frac{2}{5}x = -1\frac{137}{150}$$

$$116) 1\frac{1}{6}a + 1\frac{6}{7} = 3\frac{17}{28}$$

$$117) \frac{1}{2}n - 2\frac{3}{4} = 1\frac{7}{16}$$

$$118) 1\frac{1}{4}n - 2\frac{2}{5} = -1\frac{43}{120}$$

119) $-\frac{1}{2}x - \frac{9}{5} = -2\frac{7}{40}$

120) $-2x - 1 = -7\frac{4}{11}$

121) $-\frac{1}{3} + 2\frac{1}{8}m = -4\frac{61}{192}$

122) $-2\frac{2}{5}n - \frac{9}{8} = -27\frac{21}{40}$

123) $1 + 3\frac{1}{2}v = 8$

124) $-2k + 4 = 7\frac{3}{7}$

125) $\frac{3}{8} + \frac{1}{5}b = \frac{3}{8}$

126) $-\frac{5}{7}x + \frac{3}{2} = 2\frac{3}{14}$

127) $-\frac{1}{4}a + 4\frac{3}{7} = 4\frac{16}{21}$

128) $-2n + 3\frac{1}{4} = -9\frac{3}{20}$

129) $-3\frac{2}{3}b - \frac{1}{7} = -18\frac{10}{21}$

130) $\frac{2}{3}p + \frac{4}{3} = 5\frac{7}{12}$

131) $-2\frac{3}{4} - \frac{7}{5}x = -4\frac{19}{52}$

132) $2 - \frac{3}{2}a = -8\frac{19}{20}$

133) $5\frac{1}{6}x + 1\frac{1}{3} = 53$

134) $-1\frac{3}{8} - \frac{3}{4}n = -2\frac{5}{8}$

135) $-\frac{1}{2}a + 2\frac{5}{6} = \frac{8}{33}$

136) $2r + 2 = 2\frac{3}{4}$

137) $-\frac{7}{6}x - 2\frac{3}{8} = -12\frac{245}{312}$

138) $4\frac{1}{4}p - 2 = -12\frac{9}{11}$

139) $-\frac{4}{3} + \frac{3}{2}n = -2\frac{5}{6}$

140) $2\frac{1}{6}p + 3\frac{4}{5} = 7\frac{43}{210}$

141) $-2v + \frac{1}{3} = 7\frac{16}{21}$

142) $\frac{2}{5}b + 3\frac{5}{6} = 3\frac{13}{30}$

143) $\frac{2}{3} - 3\frac{1}{4}x = 1\frac{3}{4}$

144) $1\frac{1}{6} - 3\frac{3}{4}n = 6\frac{1}{6}$

145) $3\frac{1}{8} + 7n = -24\frac{7}{8}$

146) $1\frac{3}{8} - \frac{2}{5}x = 2\frac{163}{200}$

147) $-5\frac{4}{5} - 3\frac{2}{7}b = -54\frac{37}{140}$

148) $-2 - 2n = -3\frac{1}{5}$

149) $-4\frac{7}{8}x + \frac{1}{2} = -39\frac{73}{88}$

150) $\frac{7}{8}x + 1 = -\frac{3}{4}$

151) $-4m + 2\frac{3}{5} = -57\frac{2}{5}$

152) $4\frac{3}{8} - 8r = -3\frac{5}{8}$

153) $\frac{1}{4} - \frac{1}{6}x = 0$

154) $2\frac{1}{2}x - \frac{1}{2} = 5\frac{1}{6}$

155) $3\frac{5}{6}x + 3\frac{1}{2} = -2\frac{31}{32}$

156) $2k - 3\frac{5}{8} = -1\frac{11}{24}$

157) $4\frac{5}{6} - 3\frac{1}{2}n = -23\frac{53}{66}$

158) $2x - \frac{3}{2} = 12\frac{1}{14}$

159) $-\frac{11}{7}n - 1\frac{4}{5} = -\frac{18}{35}$

160) $2 + \frac{7}{4}a = 3\frac{1}{20}$

161) $2\frac{1}{2} - \frac{1}{6}k = 2\frac{1}{2}$

162) $2x + 7 = 11\frac{4}{7}$

163) $-2\frac{2}{7} - 1\frac{2}{3}x = -27\frac{8}{273}$

164) $-2\frac{1}{2} + 5b = -6\frac{1}{2}$

165) $-\frac{3}{8}n - 1\frac{5}{7} = -\frac{223}{224}$

166) $-2p - \frac{15}{8} = 2\frac{1}{8}$

167) $1\frac{1}{8}n - 1\frac{1}{3} = 2\frac{1}{24}$

168) $-\frac{7}{5}p + \frac{1}{2} = 2\frac{31}{40}$

169) $2\frac{1}{2} - \frac{8}{5}a = 2\frac{3}{70}$

170) $\frac{11}{6}p - 4 = -6\frac{4}{9}$

171) $3\frac{3}{7}n - 3\frac{2}{3} = 1\frac{2}{7}$

172) $\frac{6}{5} + \frac{1}{6}x = 1\frac{49}{195}$

173) $\frac{1}{8}a + 2 = 1\frac{15}{16}$

174) $3\frac{2}{3}n - 1\frac{6}{7} = 10\frac{29}{56}$

175) $\frac{5}{4} + \frac{1}{2}k = \frac{5}{24}$

176) $-2\frac{1}{2} - x = -3\frac{3}{10}$

177) $2\frac{4}{5} - 8n = 2\frac{4}{5}$

178) $-\frac{2}{5}x + 3\frac{1}{8} = 2\frac{81}{200}$

179) $\frac{1}{5}n - \frac{2}{3} = -2\frac{13}{15}$

180) $-1\frac{3}{7}n - 1\frac{1}{3} = -\frac{67}{84}$

181) $\frac{3}{2}n + \frac{9}{7} = -\frac{27}{28}$

182) $-\frac{1}{5}b - \frac{2}{3} = -2\frac{1}{12}$

183) $-1\frac{1}{6} - 3\frac{1}{2}x = -18\frac{1}{5}$

184) $2p - 1\frac{1}{3} = 6\frac{13}{24}$

185) $-\frac{4}{7} - \frac{9}{8}v = \frac{13}{56}$

186) $-\frac{1}{2} + 3\frac{2}{3}v = 13\frac{8}{21}$

187) $1\frac{3}{4}m + 1\frac{2}{3} = 8\frac{9}{10}$

188) $3\frac{1}{2} - \frac{15}{8}b = 8\frac{11}{32}$

189) $2\frac{1}{2} - 2n = 3\frac{1}{6}$

190) $2\frac{1}{6}n + \frac{9}{7} = -2\frac{25}{28}$

191) $2a - 2\frac{1}{8} = -5\frac{1}{2}$

192) $\frac{2}{5} + 7x = 13\frac{21}{40}$

193) $\frac{1}{8}p + 3\frac{1}{7} = 3\frac{53}{224}$

194) $-1 - 3\frac{1}{6}k = 11\frac{25}{66}$

195) $1\frac{1}{2} + 4\frac{1}{5}a = 31\frac{8}{25}$

196) $\frac{7}{5}b - 2\frac{5}{6} = -5\frac{13}{50}$

197) $2\frac{1}{5} - 4\frac{5}{8}k = -7\frac{1}{20}$

198) $\frac{7}{6} - \frac{5}{8}n = -4\frac{49}{156}$

199) $-\frac{3}{2} - m = -\frac{1}{2}$

200) $4\frac{1}{3} + \frac{5}{6}v = 2\frac{3}{4}$

201) $-2\frac{5}{8} + 1\frac{3}{10}x = \frac{9}{160}$

202) $\frac{1}{8} - x = -9\frac{59}{104}$

203) $-2a + \frac{3}{4} = 3\frac{1}{12}$

204) $1\frac{5}{6} + 4\frac{1}{2}x = 25\frac{1}{3}$

205) $3\frac{1}{2} - m = 4\frac{7}{8}$

206) $-1\frac{1}{3} + \frac{5}{4}r = -17\frac{7}{12}$

207) $3\frac{5}{9} - 1\frac{3}{4}n = 8\frac{31}{45}$

208) $-3\frac{6}{7} - 2\frac{3}{4}n = -32\frac{41}{56}$

209) $\frac{2}{3} + 2\frac{2}{3}m = 4\frac{4}{9}$

210) $-2\frac{4}{5}r + 5\frac{1}{6} = -22\frac{2}{15}$

211) $-\frac{4}{5} - \frac{8}{7}a = -3\frac{307}{315}$

212) $2\frac{5}{8}x - 1\frac{1}{4} = 6\frac{1}{3}$

213) $-2\frac{3}{5}x + \frac{7}{8} = 5\frac{77}{120}$

214) $\frac{13}{7}x + \frac{2}{3} = 2\frac{31}{84}$

215) $3\frac{1}{9}m - 3\frac{1}{2} = 30\frac{89}{162}$

216) $3\frac{1}{6}b - 3\frac{3}{4} = -8\frac{1}{2}$

217) $-1\frac{3}{4} + 4\frac{1}{2}p = 40\frac{7}{52}$

218) $\frac{1}{10}a - 2\frac{1}{2} = -2\frac{6}{19}$

219) $\frac{5}{3}x + \frac{5}{8} = 5\frac{5}{8}$

220) $-2\frac{2}{5}x + 4\frac{5}{6} = -12\frac{269}{570}$

221) $-\frac{3}{4} - 1\frac{2}{3}n = -4\frac{1}{12}$

222) $1\frac{3}{7}m + 1\frac{7}{9} = \frac{401}{504}$

223) $5\frac{3}{5} - \frac{1}{7}m = 4\frac{243}{280}$

224) $9x + \frac{5}{3} = -9\frac{2}{15}$

225) $4\frac{7}{8}b + 2 = -3\frac{7}{48}$

226) $3\frac{1}{2} + \frac{9}{5}x = 5\frac{3}{70}$

227) $3\frac{1}{4} - 2x = 11$

228) $-\frac{5}{7}x - \frac{1}{2} = -1\frac{73}{84}$

229) $-\frac{1}{2} - 6\frac{8}{9}k = -61\frac{65}{126}$

230) $-1\frac{5}{8} + 5\frac{1}{2}v = -\frac{15}{16}$

231) $2m - \frac{1}{3} = -3\frac{5}{6}$

232) $-\frac{7}{9}x - \frac{7}{6} = -4\frac{23}{108}$

233) $-\frac{2}{5} + \frac{4}{9}r = 2\frac{59}{90}$

234) $-3\frac{5}{6}x + 2\frac{1}{7} = -2\frac{11}{14}$

235) $\frac{5}{4} + \frac{5}{4}x = 8\frac{53}{64}$

236) $3\frac{3}{8}k + 1\frac{1}{6} = 19\frac{71}{264}$

237) $1\frac{2}{9}k - \frac{4}{5} = 9\frac{44}{45}$

238) $3\frac{2}{9} + 5\frac{9}{10}x = 57\frac{461}{495}$

$$239) -\frac{6}{5} - \frac{1}{8}m = -\frac{513}{640}$$

$$240) \frac{1}{3} - 1\frac{7}{10}v = -5\frac{449}{480}$$

$$241) -\frac{1}{2} + \frac{1}{6}n = -\frac{11}{15}$$

$$242) -3\frac{5}{6} - 2\frac{1}{4}n = -25\frac{13}{30}$$

$$243) -\frac{4}{5} + 2\frac{7}{10}n = 27\frac{37}{190}$$

$$244) 5\frac{5}{8} - \frac{1}{5}p = 5\frac{87}{280}$$

$$245) -2 - \frac{3}{2}r = -7\frac{1}{16}$$

$$246) 2\frac{4}{9}k - 3\frac{1}{2} = -2\frac{1}{30}$$

$$247) 8a + 2\frac{7}{8} = 68\frac{47}{72}$$

$$248) \frac{1}{7}p - \frac{4}{9} = -\frac{13}{252}$$

$$249) \frac{5}{6}n + 7 = 12\frac{1}{8}$$

$$250) 4\frac{2}{9} + \frac{9}{5}m = 3\frac{113}{225}$$

$$251) -3\frac{5}{6}m + \frac{1}{3} = 6\frac{79}{120}$$

$$252) -1\frac{1}{3} + \frac{1}{4}v = -1\frac{1}{12}$$

$$253) -1\frac{3}{10}n + \frac{3}{2} = 1\frac{37}{100}$$

$$254) -\frac{1}{2}p + 4 = -\frac{1}{30}$$

$$255) 2\frac{1}{6} + \frac{9}{5}n = 4\frac{19}{78}$$

$$256) -1\frac{5}{6} - \frac{14}{9}b = \frac{1}{30}$$

$$257) -2\frac{9}{10}x - 1\frac{1}{2} = 2\frac{9}{14}$$

$$258) 4\frac{3}{4} - \frac{1}{2}k = 8\frac{3}{4}$$

$$259) -2b + \frac{1}{4} = 32\frac{1}{4}$$

$$260) -\frac{13}{10} - \frac{2}{5}x = -3\frac{43}{70}$$

$$261) -2\frac{1}{4}k - \frac{10}{7} = -6\frac{173}{224}$$

$$262) \frac{7}{6} + \frac{8}{9}b = 1\frac{1}{3}$$

263) $3\frac{5}{6}x + \frac{1}{7} = \frac{209}{336}$

264) $-\frac{1}{3}p - \frac{3}{7} = -\frac{101}{105}$

265) $-1\frac{1}{8}m + 5\frac{3}{10} = 5\frac{87}{140}$

266) $-2\frac{3}{8}n + \frac{9}{5} = -1\frac{149}{320}$

267) $\frac{7}{6}b + 3\frac{1}{9} = -20\frac{2}{9}$

268) $-8 - \frac{1}{3}b = -7\frac{17}{19}$

269) $-2\frac{1}{2}n + 4\frac{1}{2} = 1\frac{1}{11}$

270) $1 + \frac{1}{6}r = 1\frac{3}{5}$

271) $-1\frac{1}{3} - \frac{9}{7}x = -2\frac{13}{21}$

272) $\frac{3}{8}r - 1 = -2\frac{17}{64}$

273) $-9r + \frac{4}{9} = -52\frac{29}{36}$

274) $3\frac{7}{9} + 1\frac{1}{2}b = 1\frac{65}{72}$

275) $-1\frac{1}{2} + \frac{3}{2}a = \frac{1}{6}$

276) $3\frac{3}{8}x + \frac{11}{9} = -5\frac{49}{144}$

277) $\frac{16}{9} - \frac{1}{3}k = \frac{59}{126}$

278) $1\frac{2}{5}x + 2\frac{1}{6} = 7\frac{23}{30}$

279) $\frac{15}{8} - 3\frac{5}{7}r = -16\frac{13}{56}$

280) $5\frac{1}{10} + \frac{8}{5}n = 2\frac{29}{30}$

281) $\frac{5}{3} + \frac{5}{8}n = 3\frac{8}{9}$

282) $-2\frac{2}{3}x + \frac{11}{6} = -26\frac{5}{6}$

283) $\frac{7}{9} + 2\frac{6}{7}n = -9\frac{6}{7}$

284) $3\frac{3}{4} + 5\frac{7}{9}x = -6\frac{13}{36}$

285) $-\frac{2}{3} + 5\frac{3}{5}x = 9\frac{17}{285}$

286) $4\frac{1}{2} - 2\frac{4}{7}p = -18\frac{3}{14}$

287) $\frac{1}{3} + 4\frac{1}{4}m = -7\frac{20}{39}$

288) $\frac{5}{7}x + \frac{7}{9} = 6\frac{47}{126}$

289) $4\frac{7}{8} - \frac{4}{5}x = 3\frac{49}{120}$

290) $1\frac{1}{4} + 2x = 12\frac{3}{28}$

291) $4\frac{1}{3} - \frac{5}{7}n = -3\frac{19}{294}$

292) $4\frac{5}{8} + 3\frac{3}{4}n = 35\frac{123}{152}$

293) $\frac{9}{8}p + 1\frac{4}{5} = 9\frac{27}{40}$

294) $1\frac{1}{9}b + \frac{16}{9} = \frac{29}{81}$

295) $-1\frac{1}{2}x - 1\frac{1}{9} = -12\frac{1}{36}$

296) $5\frac{3}{7} - 1\frac{1}{8}n = -\frac{83}{182}$

297) $-2x - 1\frac{1}{2} = -10\frac{17}{18}$

298) $-2\frac{2}{7} - \frac{4}{3}x = -11\frac{2}{105}$

299) $4\frac{1}{3} + 4\frac{1}{2}m = -54\frac{1}{6}$

300) $\frac{1}{2} - \frac{1}{4}k = \frac{9}{34}$

301) $2\frac{8}{11} + 4\frac{6}{7}a = 17\frac{1231}{1617}$

302) $5\frac{1}{3} + \frac{5}{3}b = 5\frac{11}{18}$

303) $6\frac{5}{8}r + 1\frac{9}{10} = -7\frac{67}{320}$

304) $1\frac{2}{9}x - \frac{4}{3} = -1\frac{139}{153}$

305) $-2\frac{61}{84} = -\frac{11}{6} + 4\frac{1}{6}r$

306) $-\frac{4}{3}n + \frac{2}{7} = -3\frac{83}{126}$

307) $-6\frac{23}{24} = \frac{1}{2}m - 7$

308) $16\frac{71}{72} = 5\frac{1}{9} - 10n$

309) $1\frac{85}{108} = \frac{5}{4} - 2\frac{5}{12}k$

310) $12\frac{2}{9} = -3\frac{4}{9} - 6m$

311) $-\frac{5}{7}m + \frac{4}{3} = -2\frac{55}{294}$

312) $-2\frac{7}{9} + \frac{1}{2}p = -3\frac{7}{9}$

313) $-\frac{11}{12} = 1\frac{7}{12} - \frac{4}{3}m$

314) $4 = 1\frac{1}{2}x + 1\frac{3}{4}$

315) $-\frac{1}{6} = \frac{5}{4} - \frac{1}{2}n$

316) $-2\frac{1}{3} = -\frac{3}{2} - \frac{3}{2}n$

317) $2\frac{3}{11} = 2n + 5\frac{3}{11}$

318) $7 - \frac{13}{7}n = -6\frac{13}{14}$

319) $1\frac{1}{10}x - 1 = 5\frac{7}{30}$

320) $-16\frac{157}{561} = -1\frac{1}{6}m - \frac{13}{11}$

321) $6\frac{7}{12}m - 1\frac{3}{4} = -23\frac{1}{52}$

322) $12\frac{115}{378} = \frac{1}{2} + 2\frac{5}{9}n$

323) $6\frac{26}{99} = 4b + 4\frac{4}{9}$

324) $17\frac{18}{19} = 2 + \frac{3}{2}x$

325) $6\frac{2}{7}m + \frac{9}{8} = 10\frac{5}{168}$

326) $\frac{6}{7} + 3\frac{1}{2}b = -2\frac{61}{133}$

327) $1\frac{13}{24} = \frac{1}{5}p - \frac{1}{2}$

328) $6\frac{8}{11} - \frac{19}{11}x = 5\frac{38}{187}$

329) $\frac{5}{4}m + 5 = 1\frac{37}{48}$

330) $-\frac{2}{3} - \frac{2}{9}x = -\frac{2}{9}$

331) $4\frac{4}{7} = 5\frac{1}{2} + \frac{3}{7}b$

332) $\frac{12}{11}n + 1\frac{7}{9} = 3\frac{73}{198}$

333) $1\frac{359}{770} = \frac{1}{5} + \frac{5}{7}a$

334) $4\frac{5}{6}a + 1\frac{4}{5} = -2\frac{1}{15}$

335) $-1\frac{6}{7}b - 3\frac{1}{2} = -3\frac{11}{126}$

336) $20\frac{1}{12} = -3\frac{1}{6} + 4n$

337) $14\frac{5}{8} = 2\frac{3}{5}m + 6\frac{1}{2}$

338) $3\frac{4}{9} = 2 + \frac{13}{7}n$

339) $-1 + 2\frac{1}{5}v = 7\frac{19}{120}$

340) $6\frac{1}{18} = -3\frac{1}{6} + \frac{7}{9}b$

341) $16\frac{29}{35} = \frac{10}{7} + 2m$

342) $2\frac{5}{42} = \frac{1}{2} - 2m$

343) $\frac{1}{3}p - \frac{1}{3} = 1\frac{29}{51}$

344) $1\frac{1}{3} = \frac{4}{3} + 6\frac{3}{5}b$

345) $\frac{51}{154} = -\frac{3}{2}k + \frac{9}{7}$

346) $-4\frac{13}{132} = -\frac{7}{4}a - \frac{11}{12}$

347) $\frac{11}{40} = 2 + \frac{3}{2}n$

348) $6\frac{4}{5} - 3\frac{7}{10}a = \frac{63}{80}$

349) $-9n - \frac{9}{5} = -43\frac{1}{20}$

350) $-\frac{1}{6} - \frac{3}{8}n = -4\frac{197}{228}$

351) $-16\frac{223}{1008} = 2\frac{2}{7} - 3\frac{5}{12}k$

352) $6\frac{158}{189} = 5\frac{3}{7} + 4\frac{2}{9}x$

353) $4\frac{1}{2}n + 5\frac{6}{7} = 48\frac{17}{28}$

354) $5\frac{125}{132} = \frac{1}{2}x + 5\frac{1}{3}$

355) $6\frac{2}{35} = \frac{8}{5}x + 4\frac{6}{7}$

356) $1\frac{1}{2}b + \frac{2}{5} = 3\frac{79}{85}$

357) $-9\frac{47}{84} = 4\frac{1}{2}p - 2\frac{1}{6}$

358) $\frac{2}{9}x - \frac{3}{2} = -\frac{155}{378}$

$$359) -3\frac{2}{5} = -2a - \frac{3}{5}$$

$$360) \frac{17}{10} + 2x = 5\frac{1}{5}$$

$$361) -15\frac{1}{4} = -7 + 5\frac{1}{2}k$$

$$362) \frac{3}{4} + 3\frac{7}{8}a = 42\frac{57}{64}$$

$$363) 2\frac{112}{187} = 2\frac{4}{11} - \frac{4}{5}x$$

$$364) 4\frac{4}{9} + \frac{5}{3}k = 18\frac{8}{9}$$

$$365) 4\frac{7}{24} = -\frac{4}{3} + \frac{1}{2}x$$

$$366) -\frac{19}{12} - 3\frac{2}{9}x = -35\frac{47}{252}$$

$$367) 2\frac{9}{40} = -2\frac{5}{12}m + \frac{3}{2}$$

$$368) \frac{5}{4}x - 2\frac{6}{11} = -\frac{87}{704}$$

$$369) -3\frac{1}{12} + \frac{4}{11}m = -3\frac{101}{132}$$

$$370) 5\frac{5}{12} = 4\frac{1}{4} - m$$

$$371) \frac{10}{63} = \frac{12}{7} - \frac{14}{9}x$$

$$372) 5\frac{1}{12}x - 2\frac{7}{9} = \frac{193}{216}$$

$$373) -1\frac{7}{45} = \frac{4}{9} + 2x$$

$$374) 16\frac{37}{77} = 2x + 9\frac{4}{7}$$

$$375) 6\frac{7}{11}k + 4\frac{3}{5} = 3\frac{401}{935}$$

$$376) -6 = 1 + 6\frac{2}{9}x$$

$$377) -1 + 6\frac{2}{9}r = 10\frac{1}{5}$$

$$378) 34\frac{67}{112} = 5 + 6\frac{3}{8}a$$

$$379) -2\frac{11}{46} = -2n + \frac{3}{2}$$

$$380) 4\frac{3}{7} - \frac{3}{4}r = 3\frac{3}{56}$$

$$381) -6\frac{8}{21} = 2n - 3\frac{1}{3}$$

$$382) -2\frac{5}{7} - 3\frac{5}{6}p = -15\frac{5}{7}$$

383) $\frac{1}{8}r + 1 = \frac{123}{160}$

384) $-5\frac{289}{312} = -3\frac{2}{3}r + \frac{9}{8}$

385) $15\frac{11}{95} = 10 - 2\frac{7}{10}n$

386) $\frac{15}{8} - \frac{1}{3}x = 1\frac{7}{8}$

387) $1 - \frac{11}{10}x = \frac{47}{80}$

388) $\frac{4}{7}x + \frac{5}{9} = 5\frac{53}{63}$

389) $-\frac{8}{5} + 5\frac{2}{3}n = -9\frac{4}{15}$

390) $-9 + 1\frac{1}{2}m = -11\frac{1}{4}$

391) $\frac{1}{2}n + 3\frac{3}{5} = 5\frac{101}{210}$

392) $2\frac{1}{2}x + 4\frac{7}{8} = 1\frac{1}{8}$

393) $86\frac{49}{110} = 1\frac{9}{10} + 6\frac{6}{11}p$

394) $4\frac{3}{4} + \frac{7}{8}r = 6\frac{9}{88}$

395) $9\frac{1}{6} - 3\frac{4}{11}x = 14\frac{7}{33}$

396) $-1\frac{5}{11}x + 7 = 5\frac{86}{99}$

397) $4\frac{1}{6}a + 4\frac{1}{3} = -8\frac{4}{9}$

398) $\frac{21}{22} = \frac{3}{4} + \frac{3}{11}r$

399) $8\frac{569}{704} = -2\frac{4}{11} + 6\frac{7}{8}m$

400) $-5\frac{3}{5}n - \frac{23}{12} = 6\frac{1}{12}$

401) $-2\frac{31}{32} = 7\frac{1}{2} - x$

402) $6\frac{15}{16}n + 2 = -\frac{139}{208}$

403) $\frac{1}{2} + 3\frac{3}{5}b = 2\frac{147}{190}$

404) $-1 + 20r = 8\frac{1}{6}$

405) $\frac{1}{10} + 15x = 144\frac{93}{130}$

406) $22\frac{5}{8} = \frac{7}{4}x + 20$

407) $18\frac{32}{33} = \frac{5}{3}a - \frac{3}{11}$

408) $-\frac{2}{5}a + 3\frac{1}{4} = 3\frac{411}{620}$

409) $5\frac{43}{48} = 6\frac{1}{3}n + 15$

410) $663\frac{7}{228} = -17p + 8\frac{1}{12}$

411) $4\frac{1}{2} - \frac{7}{4}m = -21\frac{23}{40}$

412) $5\frac{11}{13} + \frac{5}{8}n = 13\frac{313}{416}$

413) $-\frac{5}{3}x + 4\frac{5}{16} = 2\frac{41}{80}$

414) $\frac{29}{32} = \frac{1}{2}v + 1$

415) $1\frac{3}{11} = -\frac{4}{3}x + 2$

416) $-\frac{5}{9}x + 4\frac{2}{13} = -1\frac{1403}{3978}$

417) $-\frac{1}{2}x + 6\frac{1}{6} = 5\frac{1}{6}$

418) $4\frac{67}{240} = 7\frac{1}{4} - \frac{31}{20}b$

419) $1\frac{1}{5}x - \frac{5}{3} = \frac{11}{15}$

420) $1\frac{16}{17}a - 1\frac{4}{17} = -3\frac{45}{68}$

421) $-35 = 9 - 2v$

422) $-66\frac{23}{48} = -2\frac{5}{16} + 6\frac{5}{12}k$

423) $8\frac{3}{7}k + 8\frac{1}{13} = 84\frac{605}{2457}$

424) $-\frac{18}{17} + 10\frac{11}{12}x = 319\frac{303}{340}$

425) $-2\frac{1}{12}n + \frac{13}{12} = 5\frac{277}{408}$

426) $2 - \frac{5}{3}v = \frac{79}{87}$

427) $1\frac{7}{15} = -1 + 2v$

428) $30\frac{521}{680} = -\frac{18}{17} + \frac{19}{12}n$

429) $-1\frac{5}{6}a + 10\frac{1}{14} = 8\frac{29}{168}$

430) $-12\frac{89}{140} = -\frac{3}{10}x - 13$

431) $5\frac{265}{308} = \frac{3}{7} + \frac{1}{2}n$

432) $6\frac{5}{12} + \frac{4}{17}p = 6\frac{3}{4}$

433) $-2\frac{19}{195} = \frac{2}{5}p - 3\frac{2}{3}$

434) $7\frac{9}{11} + \frac{9}{5}x = 5\frac{272}{1045}$

435) $8\frac{5}{18} + \frac{14}{17}x = 11\frac{659}{1530}$

436) $-\frac{7}{6} + 6\frac{7}{10}n = -9\frac{97}{210}$

437) $5\frac{107}{120} = 5\frac{5}{8} - \frac{13}{15}v$

438) $\frac{11}{25} = -x - 1$

439) $\frac{9}{5}k + \frac{3}{16} = 28\frac{53}{400}$

440) $-223\frac{10}{17} = 9\frac{1}{4}n - \frac{27}{17}$

441) $-1\frac{5}{14} + \frac{5}{6}m = 9\frac{1}{56}$

442) $-5 + 3\frac{11}{16}n = 1\frac{73}{96}$

443) $2 - \frac{4}{9}r = 1\frac{1}{3}$

444) $\frac{27}{19}x + \frac{17}{14} = 23\frac{253}{266}$

445) $\frac{11}{6}p - \frac{14}{17} = -5\frac{67}{102}$

446) $60\frac{2}{3} = 10\frac{5}{12}p + \frac{1}{4}$

447) $4\frac{11}{18} = \frac{16}{9}n + \frac{3}{2}$

448) $\frac{3}{14} = \frac{3}{2}x + \frac{12}{7}$

449) $4\frac{213}{560} = 3\frac{13}{20}b + \frac{23}{14}$

450) $-18\frac{1}{12} = 8\frac{5}{6}r - \frac{5}{12}$

451) $-3\frac{27}{616} = 4\frac{1}{8} + 8\frac{4}{11}x$

452) $-1\frac{6}{7}r - 2 = -26\frac{81}{203}$

453) $-13p + 8\frac{1}{4} = -153\frac{43}{76}$

454) $\frac{35}{19} + 2\frac{9}{16}m = 5\frac{7577}{8208}$

455) $-3\frac{1}{4}a - \frac{25}{19} = -68\frac{1621}{1824}$

456) $9\frac{63}{152} = \frac{1}{2}n + \frac{9}{8}$

457) $1\frac{8}{9}r + 10\frac{7}{18} = 18\frac{311}{522}$

458) $1\frac{33}{40} = 7\frac{1}{6}r - 10$

459) $-7\frac{26}{63} = \frac{5}{18} + 5\frac{2}{3}r$

460) $20\frac{2}{15} - \frac{3}{5}k = 20\frac{257}{375}$

461) $-53\frac{1}{6} = -\frac{1}{2} - 6r$

462) $-32\frac{29}{80} = \frac{39}{20} - 1\frac{7}{8}v$

463) $2 + 5\frac{1}{6}p = 6\frac{11}{36}$

464) $8\frac{83}{171} = 6\frac{5}{19} + \frac{5}{3}k$

465) $10\frac{15}{19} - \frac{23}{12}n = -25\frac{527}{608}$

466) $1\frac{329}{1100} = -\frac{1}{4}x + \frac{10}{11}$

467) $-22\frac{14}{15} = -1\frac{11}{20}k + 8\frac{1}{15}$

468) $3\frac{3}{88} = 2 + \frac{7}{8}n$

469) $-\frac{11}{6} + 15b = 183\frac{11}{21}$

470) $\frac{10}{9} + 2\frac{1}{6}n = -29\frac{2}{9}$

471) $5\frac{3}{4}n + \frac{5}{3} = 102\frac{43}{108}$

472) $\frac{1}{4}k + \frac{2}{7} = -\frac{277}{672}$

473) $57\frac{118}{153} = -1 + 7\frac{1}{9}x$

474) $\frac{5}{3} + \frac{6}{11}n = 12\frac{595}{1221}$

475) $17x - 3\frac{5}{19} = -564\frac{5}{19}$

476) $85\frac{893}{936} = 2\frac{5}{13} + 4\frac{7}{12}x$

477) $29\frac{1491}{3230} = 3\frac{13}{19}a + 15\frac{7}{10}$

478) $9\frac{2}{9}x + \frac{1}{2} = 59\frac{7}{24}$

479) $5\frac{23}{384} = 8\frac{1}{4} + 3\frac{1}{16}x$

480) $1 - \frac{29}{17}n = 2\frac{287}{612}$

481) $-\frac{6}{5} + \frac{5}{7}x = \frac{8}{35}$

482) $\frac{1}{2} + 12x = 10\frac{9}{10}$

483) $310\frac{6}{11} = -14m + 2\frac{6}{11}$

484) $6\frac{5}{21} = -2\frac{5}{6}r + \frac{4}{7}$

485) $3\frac{23}{30} = \frac{1}{2}n + 2\frac{1}{4}$

486) $32\frac{53}{56} = 17n + 1\frac{1}{14}$

487) $-\frac{13}{10} - 3\frac{7}{12}b = 12\frac{49}{1920}$

488) $3\frac{193}{2660} = -2\frac{3}{14}n + \frac{4}{5}$

489) $-18\frac{33}{40} = -19 + \frac{1}{2}n$

490) $-\frac{13}{7}m - \frac{1}{20} = -1\frac{443}{560}$

491) $7\frac{11}{20} + \frac{1}{17}n = 7\frac{1497}{2380}$

492) $6\frac{1}{2} + \frac{9}{8}k = 29\frac{63}{92}$

493) $5\frac{17}{18}x + 1\frac{6}{11} = 65\frac{3349}{3861}$

494) $95\frac{121}{144} = 10\frac{5}{6}x + \frac{3}{2}$

495) $-7\frac{813}{1190} = -\frac{17}{10} + 10\frac{8}{17}v$

496) $\frac{6}{11}p - 3\frac{14}{17} = -3\frac{286}{595}$

497) $-12\frac{19}{30} = -\frac{5}{9}v - \frac{7}{6}$

498) $-\frac{8}{5}x + \frac{1}{2} = 2\frac{1}{2}$

499) $-\frac{5}{7}x - 5\frac{9}{13} = -16\frac{131}{208}$

500) $-1\frac{5}{6} + 8\frac{9}{16}x = 16\frac{763}{1824}$

501) $2\frac{1}{4} = \frac{7}{4}x - \frac{5}{4}$

502) $1\frac{5}{16} + 9\frac{5}{17}x = -13\frac{5417}{16048}$

$$503) -28a + 16\frac{4}{23} = -11\frac{173}{989}$$

$$504) -11\frac{44}{135} = 12\frac{17}{18}a - \frac{11}{6}$$

$$505) -40\frac{1043}{4836} = 3\frac{11}{31} - 1\frac{3}{4}b$$

$$506) 221\frac{1384}{5187} = 14\frac{15}{38}v + \frac{9}{7}$$

$$507) -28\frac{419}{600} = 2\frac{13}{24} - \frac{22}{25}k$$

$$508) 4\frac{11}{24} + 17\frac{7}{24}x = -8\frac{227}{648}$$

$$509) 39\frac{287}{360} = \frac{29}{40} + \frac{13}{8}r$$

$$510) -5\frac{1307}{1575} = -\frac{8}{25}x - 2\frac{18}{35}$$

$$511) -10\frac{87}{224} = 9\frac{9}{16}r - 3\frac{13}{32}$$

$$512) -4\frac{49}{100} = 16\frac{4}{5}r + 8\frac{19}{20}$$

$$513) -21\frac{85}{396} = 6\frac{13}{22} + 17\frac{7}{8}v$$

$$514) -\frac{9}{40}x + \frac{14}{11} = 1\frac{131}{440}$$

$$515) \frac{10}{7} + 18\frac{17}{25}n = -28\frac{113}{275}$$

$$516) 228\frac{2459}{2964} = 15\frac{2}{3} + 14\frac{31}{39}x$$

$$517) 13\frac{5}{24} - \frac{17}{12}m = -23\frac{235}{648}$$

$$518) 1\frac{439}{819} = 4m - \frac{18}{13}$$

$$519) 227\frac{6441}{6728} = 19\frac{5}{8} + 20\frac{5}{29}r$$

$$520) 10\frac{22259}{28140} = 9\frac{11}{40}n + 2\frac{16}{21}$$

$$521) 20\frac{601}{780} = 19\frac{11}{12} + \frac{6}{5}r$$

$$522) 32x + 12\frac{2}{3} = -6\frac{2}{3}$$

$$523) 2\frac{9657}{13832} = \frac{35}{26}p - \frac{41}{28}$$

$$524) 23\frac{5}{8} = 20\frac{33}{40} + \frac{7}{5}x$$

$$525) -3\frac{23}{28} - \frac{7}{15}x = -3\frac{767}{6720}$$

$$526) -165\frac{215}{418} = 5\frac{1}{2} + 10\frac{1}{11}x$$

$$527) -\frac{16}{9}x - \frac{1}{28} = -1\frac{4007}{4788}$$

$$528) -\frac{19}{11} - \frac{4}{17}x = -6\frac{889}{935}$$

$$529) -11\frac{422}{1995} = -\frac{8}{19} + 6\frac{2}{7}m$$

$$530) 11\frac{3}{4}n + 3\frac{5}{33} = 21\frac{1040}{1419}$$

$$531) 10\frac{2716}{7695} = -1\frac{16}{19} + \frac{11}{9}a$$

$$532) 100\frac{17}{96} = 32 + 9\frac{13}{18}n$$

$$533) -3\frac{3}{14} + 16\frac{12}{35}v = -28\frac{3}{4}$$

$$534) -5\frac{2433}{3325} = 4\frac{1}{35}n + \frac{44}{25}$$

$$535) 14\frac{367}{455} = 13\frac{2}{5} - \frac{12}{13}r$$

$$536) 13\frac{10}{17}r - 3\frac{2}{27} = 272\frac{91}{18819}$$

$$537) 16\frac{145}{396} = \frac{43}{24}m + 15\frac{7}{18}$$

$$538) 8\frac{179}{234} = \frac{5}{9}x + 9\frac{19}{39}$$

$$539) \frac{11}{7}n + 7\frac{1}{4} = 52\frac{1417}{2100}$$

$$540) 2n + \frac{1}{9} = 3\frac{29}{72}$$

$$541) -42\frac{407}{420} = -\frac{5}{3} + 15\frac{17}{21}p$$

$$542) 4\frac{20}{33}a - \frac{9}{10} = 119\frac{1019}{14190}$$

$$543) 39\frac{7}{41} = \frac{13}{27}p + 36$$

$$544) -8\frac{6247}{12160} = -\frac{1}{8}v + \frac{12}{19}$$

$$545) -1\frac{1}{9}b + \frac{27}{22} = -18\frac{461}{1166}$$

$$546) 2\frac{2191}{21045} = 10\frac{17}{30}n + 17\frac{8}{23}$$

$$547) 3\frac{151}{252} = \frac{1}{2}n + 4\frac{19}{36}$$

$$548) 4\frac{557}{1287} = -\frac{7}{13}m + 10\frac{1}{9}$$

$$549) 678\frac{12959}{28424} = 11\frac{10}{11} + 18\frac{17}{38}n$$

$$550) 236\frac{268}{783} = 8\frac{1}{21}a + \frac{35}{27}$$

$$551) 247\frac{81}{440} = \frac{79}{40} + 8\frac{1}{10}a$$

$$552) -139\frac{13}{14} = -\frac{27}{14} - 2\frac{3}{10}x$$

$$553) -6\frac{89}{180} = -\frac{4}{9} + 6\frac{1}{20}r$$

$$554) \frac{2083}{6840} = -\frac{26}{19}x + 1\frac{33}{40}$$

$$555) 316\frac{961}{1078} = 12\frac{1}{2}m + 16\frac{7}{11}$$

$$556) 7\frac{15}{16}x + 16\frac{4}{21} = 4\frac{191}{672}$$

$$557) 4\frac{6295}{8874} = 18\frac{7}{18} + 9\frac{20}{29}x$$

$$558) -2\frac{271}{450} = 1\frac{3}{25} + 1\frac{31}{36}x$$

$$559) 18\frac{5}{21}n + \frac{3}{16} = -20\frac{233}{3024}$$

$$560) 12\frac{8363}{13300} = 10\frac{23}{28} - \frac{34}{25}a$$

$$561) 2\frac{31}{34} + 11\frac{1}{12}a = 445\frac{4901}{9384}$$

$$562) 1\frac{6743}{38640} = \frac{26}{21} - \frac{3}{40}r$$

$$563) 11\frac{29}{30} - \frac{6}{7}m = 8\frac{1087}{2940}$$

$$564) -2\frac{74}{105} = -\frac{8}{5}n - \frac{4}{7}$$

$$565) 17\frac{1}{2}x - 2\frac{1}{25} = -25\frac{79}{100}$$

$$566) 2\frac{732}{1495} = \frac{3}{5}r + 3\frac{1}{23}$$

$$567) 8\frac{3042}{3565} = \frac{8}{23}v + 2\frac{4}{5}$$

$$568) 66\frac{25079}{27360} = \frac{1}{32} + 5\frac{8}{15}a$$

$$569) 15\frac{2}{13}m + 11\frac{11}{14} = 116\frac{1830}{2093}$$

$$570) 4\frac{35}{76} = -\frac{1}{4}b + 4$$

$$571) -14x + \frac{69}{38} = -42\frac{235}{1482}$$

$$572) 11\frac{11}{30}b - \frac{5}{16} = 16\frac{34}{75}$$

$$573) -20\frac{1072}{1771} = -\frac{25}{23}m - 2$$

$$574) \frac{1}{9}r - 1\frac{5}{24} = -1\frac{877}{3096}$$

$$575) -16\frac{74}{1755} = \frac{5}{39} + 19\frac{11}{15}x$$

$$576) -62\frac{541}{6820} = -\frac{4}{5} - 3\frac{7}{22}n$$

$$577) 12\frac{5}{7}p + \frac{13}{11} = 438\frac{494}{539}$$

$$578) 19\frac{6}{13}k + 2 = 622\frac{97}{1040}$$

$$579) 10\frac{17}{29} + 8\frac{23}{40}r = 9\frac{4773}{9280}$$

$$580) -69\frac{382}{999} = \frac{17}{9} - 1\frac{23}{27}r$$

$$581) -51\frac{253}{390} = -\frac{5}{3}r + \frac{13}{10}$$

$$582) 253\frac{659}{2592} = 10\frac{23}{36}v + 10\frac{5}{27}$$

$$583) 204\frac{527}{1408} = \frac{23}{16} + 13\frac{27}{32}n$$

$$584) 25\frac{34}{111} = 5\frac{1}{4} + \frac{65}{37}n$$

$$585) 16\frac{123}{416} = 2\frac{7}{32} + 7\frac{1}{26}v$$

$$586) 13\frac{23}{28} + 14\frac{13}{15}n = 27\frac{419}{5180}$$

$$587) -\frac{1}{2} + \frac{21}{13}n = \frac{233}{2054}$$

$$588) \frac{14}{15}k + 1\frac{1}{34} = -\frac{5257}{9690}$$

$$589) -598\frac{4}{5} = 10\frac{1}{5} + 12\frac{11}{16}r$$

$$590) \frac{15}{11} + 6\frac{7}{8}x = 24\frac{933}{4048}$$

$$591) 79\frac{9}{665} = 2\frac{11}{38}p + 4\frac{9}{10}$$

$$592) -2\frac{1}{4} + 3\frac{5}{8}x = 89\frac{79}{94}$$

$$593) 6\frac{167}{1989} = 10\frac{1}{9} - 2\frac{11}{39}n$$

$$594) -\frac{1}{2} - 3\frac{27}{40}n = -2\frac{51}{260}$$

$$595) 60\frac{314}{4807} = 17\frac{15}{23}p - 2\frac{2}{11}$$

$$596) -3\frac{190}{253} = -\frac{9}{23}n + \frac{19}{11}$$

$$597) 667\frac{7}{10} = 17\frac{5}{14} + 19\frac{29}{30}p$$

$$598) 12\frac{15}{26}v + 11\frac{21}{25} = 22\frac{47}{800}$$

$$599) 11\frac{19}{30} + \frac{19}{10}x = 10\frac{169}{435}$$

$$600) -30\frac{21}{25} = 2n - 32$$

$$601) \frac{110}{79}x + 7\frac{1}{45} = 144\frac{1969}{3555}$$

$$602) 29\frac{13}{21} - \frac{21}{20}m = -\frac{25}{2436}$$

$$603) 108\frac{11699}{13020} = 2\frac{4}{31} + \frac{137}{84}p$$

$$604) -30\frac{63}{92} = -35x - 56\frac{43}{46}$$

$$605) 58\frac{30235}{59422} = \frac{101}{66}v + 34\frac{41}{73}$$

$$606) 49\frac{82}{95}n + 20\frac{7}{60} = 131\frac{10631}{26220}$$

$$607) 171\frac{99635}{338752} = 31\frac{65}{96}n + 82\frac{51}{79}$$

$$608) \frac{1}{2}p + 44\frac{48}{67} = 64\frac{10783}{25058}$$

$$609) -\frac{53}{27} + \frac{79}{59}x = -4\frac{2249}{11151}$$

$$610) 24\frac{69}{74} + 32\frac{87}{98}m = 2406\frac{19685}{29008}$$

$$611) \frac{113}{98} - \frac{74}{49}x = 3\frac{295}{882}$$

$$612) -\frac{73}{97}x - \frac{23}{24} = -2\frac{995}{2328}$$

$$613) \frac{26}{51} + 82\frac{1}{3}x = -119\frac{5053}{6528}$$

$$614) -2 + 5\frac{29}{90}x = 98\frac{187}{252}$$

$$615) 24\frac{39}{58}r + 15\frac{2}{5} = 63\frac{5606}{15515}$$

$$616) -15\frac{45887}{161994} = -\frac{18}{19}n - \frac{103}{87}$$

$$617) -177\frac{359}{1596} = -\frac{26}{21} + \frac{107}{76}n$$

$$618) -12\frac{15610}{24013} = -\frac{22}{37} - \frac{3}{11}k$$

$$619) -\frac{28}{27}p + 30\frac{19}{84} = 22\frac{155}{756}$$

$$620) 387\frac{3945}{15394} = -45 + 32\frac{31}{86}n$$

$$621) 2678\frac{1427}{48060} = -\frac{44}{89} + 40\frac{27}{40}a$$

$$622) -\frac{4}{3} + 44\frac{83}{87}r = 3301\frac{2020}{3683}$$

$$623) 16\frac{3065}{4428} = \frac{1}{3} + \frac{17}{27}r$$

$$624) 1\frac{5803}{106392} = \frac{91}{93} - 1\frac{35}{52}x$$

$$625) -\frac{19}{18} + 3\frac{24}{47}x = 268\frac{6233}{16920}$$

$$626) 34\frac{1967}{4185} = 33\frac{13}{15} - \frac{5}{9}x$$

$$627) -\frac{101}{68} + 33\frac{37}{48}p = 2793\frac{6884}{8313}$$

$$628) 2\frac{21633}{41366} = -\frac{5}{26} + 2\frac{22}{43}m$$

$$629) -\frac{17}{13} + 13\frac{2}{3}p = 955\frac{14}{39}$$

$$630) 27\frac{34}{37} + 22\frac{65}{94}x = 2081\frac{116501}{180856}$$

$$631) -27\frac{107}{1254} = -1\frac{1}{2} + 18\frac{23}{33}r$$

$$632) -19\frac{9509}{12341} = -\frac{73}{41} - \frac{19}{21}n$$

$$633) 1804\frac{1014}{7511} = \frac{7}{37} + 18\frac{6}{7}x$$

$$634) -\frac{124}{99}v + 13\frac{61}{74} = -65\frac{176485}{241758}$$

$$635) -\frac{16}{17}k - \frac{23}{33} = -\frac{10283}{16269}$$

$$636) -3\frac{16}{29}m + 58 = 51\frac{276}{319}$$

$$637) 25\frac{7}{66}a + 2 = 2009\frac{1283}{1980}$$

$$638) \frac{3}{16}v - \frac{110}{57} = 1\frac{271}{912}$$

$$639) 39\frac{41303}{54188} = -\frac{9}{31}x + 40\frac{21}{92}$$

$$640) 33\frac{37}{4686} = 28\frac{98}{99} - 2\frac{7}{36}m$$

$$641) \frac{25}{41} + 42\frac{1}{2}m = 2871\frac{2361}{9184}$$

$$642) 43\frac{5}{11} + 35\frac{66}{73}b = 1099\frac{44027}{103587}$$

$$643) 16\frac{29}{67}p + 7\frac{42}{89} = 30\frac{258884}{268335}$$

$$644) -3\frac{457609}{772398} = \frac{85}{99} + 3\frac{5}{94}v$$

$$645) \frac{86}{47} + 17\frac{31}{40}k = 22\frac{1343}{5640}$$

$$646) -4\frac{2939}{3825} = -\frac{38}{25} + 4\frac{3}{17}b$$

$$647) 66\frac{37}{75} = -\frac{37}{25}b + 66$$

$$648) 2\frac{15325}{134706} = 26\frac{37}{66} + 23\frac{9}{13}b$$

$$649) 26\frac{55}{62}n - \frac{2}{73} = 27\frac{45923}{106361}$$

$$650) \frac{3}{11}v + \frac{19}{72} = 20\frac{126491}{148104}$$

$$651) 39\frac{58}{65}r - \frac{54}{65} = 347\frac{3239}{4225}$$

$$652) -2\frac{1}{2}a - \frac{43}{55} = -80\frac{2162}{8745}$$

$$653) 861\frac{2139}{2680} = 11\frac{45}{67}n - 82$$

$$654) 393\frac{185}{1197} = 10\frac{14}{95}x - 82$$

$$655) -26 + 28\frac{59}{65}r = 449\frac{4517}{12740}$$

$$656) 45\frac{4827}{8768} = 45\frac{35}{64} - \frac{1}{4}x$$

$$657) -42\frac{9715}{48672} = 33\frac{61}{78}x + 22\frac{7}{96}$$

$$658) -\frac{19}{26} + 40\frac{49}{61}p = 366\frac{791}{1586}$$

$$659) 1214\frac{41331}{84280} = 22\frac{75}{98}n + \frac{32}{35}$$

$$660) 18\frac{21}{38} + 23v = 55\frac{315}{6346}$$

$$661) 49\frac{13}{64}x + 16\frac{13}{28} = 2082\frac{1311}{4480}$$

$$662) 12\frac{24489}{25498} = 44\frac{24}{61} - \frac{7}{11}x$$

$$663) 14\frac{29}{82} + 29\frac{11}{34}x = 385\frac{18431}{144976}$$

$$664) -2\frac{75}{82}b - \frac{73}{48} = -23\frac{6167}{11808}$$

$$665) 5\frac{89}{97} + 25\frac{83}{100}n = 57\frac{276037}{911800}$$

$$666) -\frac{63}{32}n + 49\frac{19}{30} = -110\frac{34543}{54240}$$

$$667) -33\frac{203}{1651} = -25v + \frac{7}{13}$$

$$668) -\frac{11}{6}k - \frac{85}{93} = 213\frac{27653}{34968}$$

$$669) 52\frac{50405}{116337} = 50\frac{49}{78} - \frac{89}{76}m$$

$$670) 18\frac{3}{70}n + \frac{81}{68} = 274\frac{12683}{33796}$$

$$671) -3\frac{30}{37} + \frac{19}{16}r = 77\frac{76093}{78144}$$

$$672) \frac{86}{49} + 37\frac{17}{48}a = -366\frac{3259}{4704}$$

$$673) -\frac{14}{9} - \frac{73}{48}b = -4\frac{2873}{5544}$$

$$674) -\frac{3}{2} + \frac{19}{26}n = 46\frac{722}{2171}$$

$$675) -153\frac{2099}{6853} = -1\frac{17}{22}x + \frac{13}{7}$$

$$676) 20\frac{21}{50}r + 1\frac{5}{8} = 548\frac{4151}{21400}$$

$$677) 45\frac{2767}{16107} = 45\frac{11}{59} + \frac{4}{7}n$$

$$678) \frac{2}{13} + 21\frac{5}{6}v = -3471\frac{9}{26}$$

$$679) -2\frac{3349}{17766} = 2\frac{13}{14}b - \frac{6}{47}$$

$$680) -\frac{23}{39}n + \frac{13}{40} = 1\frac{50203}{263640}$$

$$681) 2\frac{611}{1615} = \frac{179}{95} - \frac{7}{4}x$$

$$682) 49\frac{85081}{222780} = 47\frac{47}{60} + 33\frac{31}{79}m$$

$$683) 24\frac{28}{31} - \frac{114}{59}n = 26\frac{577}{1085}$$

$$684) 12\frac{1}{6}b + 41\frac{27}{29} = 555\frac{7361}{9744}$$

$$685) -\frac{157}{85} + 32\frac{21}{76}a = 2\frac{195039}{762280}$$

$$686) -\frac{26}{37}m + \frac{109}{56} = -33\frac{80621}{97384}$$

$$687) 36\frac{30213}{34220} = 49\frac{15}{58}v + \frac{7}{5}$$

$$688) 27\frac{37}{38} - \frac{24}{83}m = 28\frac{12297}{41002}$$

$$689) \frac{34}{25} - \frac{46}{27}x = 2\frac{67}{75}$$

$$690) \frac{2}{3} + \frac{2}{11}x = 8\frac{101}{132}$$

$$691) 2\frac{36837}{55748} = \frac{8}{11} - \frac{41}{28}k$$

$$692) 16\frac{5}{41}k + 29\frac{23}{49} = 838\frac{58704}{82369}$$

$$693) 28\frac{3}{5}p - \frac{48}{53} = 1989\frac{202}{265}$$

$$694) -4\frac{229}{1343} = 4x - \frac{125}{79}$$

$$695) 35\frac{1}{93} + 36\frac{1}{12}x = -1\frac{7697}{13578}$$

$$696) 2\frac{1}{47}r - \frac{22}{17} = 227\frac{88}{799}$$

$$697) -11\frac{3679}{4720} = 41\frac{59}{80} + 30\frac{35}{69}n$$

$$698) 63n + \frac{8}{21} = 2448\frac{103}{105}$$

$$699) 5\frac{43}{51} = -\frac{29}{17}x + 3$$

$$700) 64\frac{1259}{2139} = 98\frac{28}{69} - \frac{17}{31}n$$

$$701) 4\frac{1}{3}x + 3\frac{2}{3} = 7\frac{11}{24}$$

$$702) \frac{1}{3} - 7\frac{1}{2}x = 3\frac{31}{39}$$

$$703) -2x - \frac{13}{8} = -5\frac{5}{8}$$

$$704) 1\frac{59}{140} = -2\frac{3}{7} + \frac{1}{2}k$$

$$705) -15\frac{37}{45} = 3\frac{1}{9} - 2\frac{2}{5}v$$

$$706) -2\frac{1}{2} = -5n - 3\frac{3}{4}$$

$$707) \frac{8}{9} - 1\frac{9}{10}v = \frac{167}{765}$$

$$708) 5\frac{1}{3} = -2 - \frac{2}{3}x$$

$$709) \frac{2}{5} + 5\frac{4}{7}p = -5\frac{19}{35}$$

$$710) -2\frac{2}{5} + 2\frac{2}{3}v = -2\frac{38}{45}$$

$$711) \frac{4}{57} = \frac{1}{2} - \frac{7}{6}p$$

$$712) 2\frac{6}{7} - 1\frac{5}{8}k = 5\frac{5}{28}$$

$$713) -\frac{19}{10} - 1\frac{1}{3}p = 18\frac{17}{20}$$

$$714) \frac{8}{9}n + 4\frac{2}{9} = 3\frac{17}{27}$$

$$715) -11\frac{31}{48} = -1\frac{7}{8} - 1\frac{1}{6}x$$

$$716) 2\frac{5}{126} = -\frac{3}{2}v + \frac{1}{9}$$

$$717) 5\frac{65}{532} = 1\frac{3}{4}b + \frac{12}{7}$$

$$718) 2\frac{1}{280} = -1\frac{1}{6}x + \frac{3}{7}$$

$$719) -1\frac{5}{6} + \frac{5}{6}n = -2\frac{7}{33}$$

$$720) -\frac{2}{3} + 2\frac{1}{6}x = -2\frac{19}{54}$$

$$721) \frac{5}{9} = -\frac{2}{3}n + \frac{1}{3}$$

$$722) -4\frac{19}{40} = -\frac{1}{4}m - 3\frac{1}{5}$$

$$723) -1\frac{2}{3} = -\frac{5}{3}x - \frac{16}{9}$$

$$724) \frac{5}{8}x + 4\frac{1}{2} = 9\frac{17}{32}$$

$$725) -\frac{161}{190} = -\frac{1}{4}n - \frac{7}{5}$$

$$726) -8\frac{1}{2}v - 2\frac{2}{9} = -70\frac{233}{360}$$

$$727) 3\frac{2}{9}x + 8 = 26\frac{26}{63}$$

$$728) -7\frac{31}{49} = -1 - 3\frac{4}{7}k$$

$$729) 7\frac{25}{104} = -\frac{7}{8}x + 5\frac{5}{8}$$

$$730) \frac{13}{7}v - 1 = 2\frac{41}{112}$$

$$731) 8b - \frac{9}{5} = 85$$

$$732) -2\frac{1}{2}a - 10 = -37\frac{3}{16}$$

$$733) 50\frac{49}{162} = 5\frac{8}{9}x + 4\frac{1}{2}$$

$$734) 15\frac{101}{168} = -3\frac{5}{8} + 2\frac{5}{7}m$$

$$735) \frac{9}{10}n - 3\frac{1}{6} = -1\frac{107}{255}$$

$$736) -\frac{2}{9}m + 1\frac{3}{4} = 1\frac{91}{180}$$

$$737) 5\frac{1}{10} = \frac{13}{10}k + 2\frac{1}{2}$$

$$738) -\frac{29}{78} = -2\frac{1}{6} - \frac{5}{3}p$$

$$739) 5\frac{3}{4}m - 3\frac{1}{6} = -23\frac{7}{24}$$

$$740) -\frac{7}{4} + \frac{1}{4}a = -\frac{33}{80}$$

$$741) -3\frac{4}{5} = 3v + \frac{6}{5}$$

$$742) 24\frac{1}{5} = \frac{7}{5}a + 3\frac{1}{5}$$

743) $3\frac{7}{10} + 5\frac{3}{7}x = 10\frac{211}{630}$

744) $-4\frac{8}{9} = -2 + \frac{13}{9}n$

745) $8\frac{257}{765} = \frac{8}{5}v + 5\frac{8}{9}$

746) $5\frac{1}{2} + \frac{17}{9}x = 12\frac{1}{9}$

747) $-1\frac{5}{8} = 1\frac{4}{9}a - \frac{13}{8}$

748) $-1\frac{1}{4}x + 2 = \frac{1}{2}$

749) $3\frac{6}{7}r + \frac{3}{2} = 4\frac{59}{70}$

750) $-2\frac{3}{4} - \frac{5}{8}n = -1\frac{11}{12}$

751) $-\frac{17}{9}x + 4\frac{1}{3} = -3\frac{41}{108}$

752) $\frac{11}{36} = 2\frac{8}{9} - \frac{4}{3}b$

753) $-3\frac{1}{2}r - 3\frac{1}{8} = -3\frac{1}{8}$

754) $-1\frac{259}{306} = -2\frac{1}{9} + \frac{1}{4}k$

755) $8\frac{7}{40} = -2p + 1\frac{3}{8}$

756) $9\frac{19}{27} = 2 + 5\frac{1}{3}k$

757) $-2\frac{9}{10} + 2b = -\frac{37}{130}$

758) $\frac{2}{9}n - \frac{5}{7} = -1\frac{8}{63}$

759) $-2\frac{4}{9} = 2\frac{5}{6} + 2\frac{1}{9}n$

760) $\frac{2}{5} + \frac{3}{4}b = -2\frac{23}{80}$

761) $-4\frac{13}{63} = -3\frac{5}{7}n + \frac{1}{3}$

762) $-\frac{1}{5}x - 2 = -1\frac{22}{25}$

763) $-1\frac{5}{6} - \frac{12}{7}n = -3\frac{197}{294}$

764) $11\frac{67}{70} = 3\frac{2}{3}x - \frac{1}{7}$

765) $10\frac{1}{4} = 4\frac{1}{4}n + 3\frac{7}{8}$

766) $-\frac{9}{10}n - 1\frac{2}{3} = -7\frac{49}{60}$

767) $\frac{3}{8} = \frac{3}{8} - 8n$

768) $-2\frac{1}{6} - \frac{3}{8}n = -5\frac{17}{48}$

769) $-3\frac{6}{7} + \frac{9}{5}n = 9\frac{123}{175}$

770) $7\frac{25}{32} = 3\frac{1}{2}a + 1$

771) $13\frac{9}{10} = \frac{10}{7}r + \frac{7}{5}$

772) $-1\frac{2}{15} = 1\frac{2}{3} + 2n$

773) $-\frac{3}{4}p + \frac{5}{3} = 1\frac{1}{24}$

774) $-2 - \frac{7}{8}p = 7\frac{5}{8}$

775) $5\frac{1}{8}b + \frac{3}{2} = -7\frac{29}{40}$

776) $-3\frac{9}{20} = -1 + \frac{7}{5}r$

777) $1\frac{1}{2} - a = -7\frac{21}{38}$

778) $-\frac{11}{6}a + 4\frac{1}{8} = -5\frac{23}{24}$

779) $-9\frac{47}{60} = -3\frac{1}{3} + 4\frac{3}{10}x$

780) $-\frac{5}{3}x - \frac{11}{8} = -15\frac{67}{456}$

781) $6\frac{13}{24} = \frac{7}{10}a + 5\frac{9}{10}$

782) $-6\frac{61}{72} = -3\frac{2}{9} - \frac{1}{2}n$

783) $1\frac{25}{39} = -2v - \frac{2}{3}$

784) $6\frac{31}{48} = \frac{5}{3}m + \frac{9}{8}$

785) $4\frac{2}{3} - 1\frac{7}{10}x = -3\frac{451}{480}$

786) $14\frac{9}{70} = 4\frac{5}{7}a + 4\frac{7}{10}$

787) $-1 + \frac{1}{10}v = -\frac{39}{40}$

788) $-1\frac{1}{4} + 3\frac{3}{8}m = 9\frac{7}{16}$

789) $2\frac{529}{585} = \frac{1}{10}r + 2\frac{8}{9}$

790) $-1\frac{27}{35} = 3\frac{1}{7}x + 2$

$$791) \frac{3}{2}m + 3\frac{1}{4} = 4$$

$$792) -4\frac{3}{8} = -x + \frac{1}{8}$$

$$793) \frac{13}{7} - \frac{4}{5}n = 1\frac{66}{175}$$

$$794) \frac{5}{9} - \frac{6}{5}p = -9\frac{26}{45}$$

$$795) -2\frac{5}{8} + 1\frac{3}{5}v = 1\frac{123}{200}$$

$$796) 5\frac{1}{10}v + \frac{3}{5} = 47\frac{7}{20}$$

$$797) -\frac{7}{15} = \frac{5}{6} - 2x$$

$$798) 3\frac{3}{5}p - 1 = 17\frac{3}{5}$$

$$799) 4\frac{9}{10} + 9x = -1\frac{37}{70}$$

$$800) 2n + 9 = 13$$

Two-step equations of fractions

Find the missing number:

$$1) \frac{1}{3}k - 2\frac{1}{2} = -1\frac{11}{12} \quad \left\{ 1\frac{3}{4} \right\}$$

$$2) 1\frac{1}{5} + \frac{2}{3}n = 4\frac{8}{15} \\ \left\{ 5 \right\}$$

$$3) 1\frac{1}{2} - \frac{1}{4}x = \frac{15}{32} \quad \left\{ 4\frac{1}{8} \right\}$$

$$4) -2p - 2 = 2 \\ \left\{ -2 \right\}$$

$$5) -1 - 2\frac{1}{4}v = 5\frac{3}{4} \\ \left\{ -3 \right\}$$

$$6) 2\frac{1}{3} + \frac{1}{3}m = 3\frac{7}{15} \quad \left\{ 3\frac{2}{5} \right\}$$

$$7) 1\frac{1}{2}x + 2 = 4\frac{1}{4} \quad \left\{ 1\frac{1}{2} \right\}$$

$$8) -3\frac{1}{4}m + \frac{2}{5} = -16\frac{7}{40} \quad \left\{ 5\frac{1}{10} \right\}$$

$$9) -3\frac{1}{2} + \frac{1}{5}n = -3\frac{4}{15} \quad \left\{ 1\frac{1}{6} \right\}$$

$$10) -2\frac{3}{5}x - 2\frac{4}{5} = -7\frac{12}{25} \quad \left\{ 1\frac{4}{5} \right\}$$

$$11) -\frac{6}{5}k - 3\frac{1}{2} = -3\frac{1}{10} \quad \left\{ -\frac{1}{3} \right\}$$

$$12) -\frac{5}{3}n - \frac{1}{3} = 2\frac{4}{9} \quad \left\{ -1\frac{2}{3} \right\}$$

$$13) -\frac{1}{5} - 2\frac{3}{5}m = -1\frac{11}{35} \quad \left\{ \frac{3}{7} \right\}$$

$$14) 1\frac{1}{2}r + 1 = -1\frac{2}{5} \quad \left\{ -1\frac{3}{5} \right\}$$

$$15) 1\frac{1}{2}p + \frac{4}{5} = 2\frac{69}{80} \quad \left\{ 1\frac{3}{8} \right\}$$

$$16) 4n + \frac{9}{5} = \frac{3}{35} \quad \left\{ -\frac{3}{7} \right\}$$

$$17) -\frac{9}{5} + 2\frac{1}{3}v = -2\frac{23}{60} \quad \left\{ -\frac{1}{4} \right\}$$

$$18) \frac{1}{5} - \frac{3}{5}n = 1\frac{1}{10} \quad \left\{ -1\frac{1}{2} \right\}$$

$$19) 1\frac{1}{2}x - 1\frac{1}{2} = -17\frac{1}{2} \quad \left\{ -10\frac{2}{3} \right\}$$

$$20) 1\frac{2}{5}v - 2 = -\frac{1}{4} \quad \left\{ 1\frac{1}{4} \right\}$$

$$21) 1 + \frac{2}{5}a = 2\frac{2}{3} \quad \left\{ 4\frac{1}{6} \right\}$$

$$22) -3\frac{2}{5}k + 1\frac{1}{5} = 10\frac{39}{40} \quad \left\{ -2\frac{7}{8} \right\}$$

$$23) -1\frac{4}{5} + \frac{1}{5}x = -1\frac{11}{40} \quad \left\{2\frac{5}{8}\right\}$$

$$24) -2n + 2 = 4\frac{1}{2} \quad \left\{-1\frac{1}{4}\right\}$$

$$25) 1\frac{2}{5} - n = -1\frac{39}{40} \quad \left\{3\frac{3}{8}\right\}$$

$$26) 2x - 1 = 1\frac{4}{5} \quad \left\{1\frac{2}{5}\right\}$$

$$27) -2x + \frac{1}{4} = -4\frac{11}{20} \quad \left\{2\frac{2}{5}\right\}$$

$$28) \frac{2}{5} - \frac{7}{5}b = 4\frac{31}{40} \quad \left\{-3\frac{1}{8}\right\}$$

$$29) \frac{7}{4} - \frac{1}{2}k = 2\frac{3}{8} \quad \left\{-1\frac{1}{4}\right\}$$

$$30) \frac{4}{5}b - \frac{1}{2} = 2\frac{7}{90} \quad \left\{3\frac{2}{9}\right\}$$

$$31) 2v - 2\frac{3}{5} = -6\frac{3}{5}$$
$$\{-2\}$$

$$32) -2\frac{3}{5}k - 1 = -7\frac{14}{15} \quad \left\{2\frac{2}{3}\right\}$$

$$33) \frac{8}{5}n + \frac{1}{2} = -\frac{7}{50} \quad \left\{-\frac{2}{5}\right\}$$

$$34) -3\frac{4}{5}x + 5\frac{3}{4} = 13\frac{139}{180} \quad \left\{-2\frac{1}{9}\right\}$$

$$35) -\frac{7}{4}p + 2\frac{1}{2} = 4\frac{11}{16} \quad \left\{-1\frac{1}{4}\right\}$$

$$36) \frac{1}{2}x + \frac{1}{2} = -\frac{13}{14} \quad \left\{-2\frac{6}{7}\right\}$$

$$37) 2x + \frac{4}{5} = 4\frac{26}{45} \quad \left\{1\frac{8}{9}\right\}$$

$$38) -3\frac{1}{2}n + 2 = -3\frac{1}{18} \quad \left\{1\frac{4}{9}\right\}$$

$$39) \frac{1}{2} + \frac{1}{4}x = \frac{3}{8} \quad \left\{-\frac{1}{2}\right\}$$

$$40) -\frac{5}{3} + \frac{3}{2}n = -5\frac{2}{3} \quad \left\{-2\frac{2}{3}\right\}$$

$$41) -3 + \frac{7}{5}m = -5\frac{1}{5} \quad \left\{-1\frac{4}{7}\right\}$$

$$42) -3\frac{3}{5} - 2n = -4\frac{2}{5} \quad \left\{\frac{2}{5}\right\}$$

$$43) \frac{6}{5}x - \frac{1}{3} = 3\frac{7}{15} \quad \left\{3\frac{1}{6}\right\}$$

$$44) 2\frac{2}{5} - 2a = -\frac{4}{5} \quad \left\{1\frac{3}{5}\right\}$$

$$45) \frac{1}{4}x - 2\frac{1}{2} = -2\frac{15}{28} \quad \left\{-\frac{1}{7}\right\}$$

$$46) 2\frac{3}{5} + 2b = -\frac{11}{15} \quad \left\{-1\frac{2}{3}\right\}$$

$$47) -2\frac{2}{3}x + 2\frac{3}{5} = 5\frac{4}{15}$$

$\{-1\}$

$$49) 2\frac{1}{2}r - 3\frac{3}{5} = -4\frac{3}{5} \quad \left\{-\frac{2}{5}\right\}$$

$$51) -\frac{2}{3}p - 2\frac{1}{2} = -1\frac{7}{30} \quad \left\{-1\frac{9}{10}\right\}$$

$$53) -\frac{3}{2} - 2\frac{1}{3}n = 16 \quad \left\{-7\frac{1}{2}\right\}$$

$$55) -2\frac{2}{5}p - \frac{1}{4} = -13\frac{69}{100} \quad \left\{5\frac{3}{5}\right\}$$

$$57) -1\frac{1}{4}x + \frac{3}{5} = -\frac{11}{40} \quad \left\{\frac{7}{10}\right\}$$

$$59) 5 - 3\frac{1}{2}x = -15\frac{3}{10} \quad \left\{5\frac{4}{5}\right\}$$

$$61) -\frac{5}{3}v - 1\frac{3}{4} = -3\frac{5}{108} \quad \left\{\frac{7}{9}\right\}$$

$$63) -3\frac{1}{2}x + \frac{1}{2} = -3\frac{7}{18} \quad \left\{1\frac{1}{9}\right\}$$

$$65) 2\frac{2}{5}x + 2\frac{3}{5} = -\frac{19}{25} \quad \left\{-1\frac{2}{5}\right\}$$

$$67) -3\frac{1}{2}r - \frac{6}{5} = -1\frac{1}{5}$$

$\{0\}$

$$69) 2\frac{1}{4}b - 3\frac{4}{5} = 7\frac{9}{20}$$

$\{5\}$

$$48) \frac{6}{5} - \frac{6}{5}n = -6$$

$\{6\}$

$$50) 2\frac{1}{3} - \frac{4}{3}b = -3\frac{8}{27} \quad \left\{4\frac{2}{9}\right\}$$

$$52) -3\frac{1}{2}r + 2\frac{4}{5} = 14\frac{7}{20} \quad \left\{-3\frac{3}{10}\right\}$$

$$54) -\frac{5}{3}k - 2 = \frac{1}{2} \quad \left\{-1\frac{1}{2}\right\}$$

$$56) 2 - \frac{6}{5}x = 4\frac{4}{25} \quad \left\{-1\frac{4}{5}\right\}$$

$$58) \frac{4}{3}n + 1 = -12\frac{1}{3}$$

$\{-10\}$

$$60) -3\frac{1}{2}a + \frac{1}{3} = 2\frac{23}{24} \quad \left\{-\frac{3}{4}\right\}$$

$$62) -1 - 2\frac{2}{5}n = -1$$

$\{0\}$

$$64) \frac{3}{5}k - \frac{1}{3} = -\frac{43}{75} \quad \left\{-\frac{2}{5}\right\}$$

$$66) 1\frac{2}{5} - 2v = -6\frac{14}{15} \quad \left\{4\frac{1}{6}\right\}$$

$$68) \frac{1}{2}n - \frac{1}{2} = -1\frac{1}{8} \quad \left\{-1\frac{1}{4}\right\}$$

$$70) 1\frac{1}{3} + \frac{1}{2}x = \frac{1}{30} \quad \left\{-2\frac{3}{5}\right\}$$

$$71) \frac{1}{4} + \frac{1}{3}m = -\frac{7}{12} \quad \left\{ -2\frac{1}{2} \right\}$$

$$72) 1\frac{1}{2} - 2a = -8\frac{5}{6} \quad \left\{ 5\frac{1}{6} \right\}$$

$$73) 1\frac{1}{4}x - 2\frac{1}{5} = -4\frac{73}{140} \quad \left\{ -1\frac{6}{7} \right\}$$

$$74) \frac{3}{2}x - 1 = -4\frac{3}{16} \quad \left\{ -2\frac{1}{8} \right\}$$

$$75) -2k - 2 = 1\frac{1}{7} \quad \left\{ -1\frac{4}{7} \right\}$$

$$76) 2\frac{1}{3}k + 1\frac{2}{3} = 4\frac{7}{12} \quad \left\{ 1\frac{1}{4} \right\}$$

$$77) \frac{3}{5} - \frac{2}{3}v = \frac{1}{5} \quad \left\{ \frac{3}{5} \right\}$$

$$78) -3k + 1\frac{2}{3} = -7\frac{14}{15} \quad \left\{ 3\frac{1}{5} \right\}$$

$$79) -1\frac{2}{3}b + \frac{1}{5} = 3\frac{73}{90} \quad \left\{ -2\frac{1}{6} \right\}$$

$$80) \frac{1}{4}k + 1\frac{1}{2} = 2\frac{1}{8} \quad \left\{ 2\frac{1}{2} \right\}$$

$$81) -\frac{1}{2}n - 3 = -2\frac{1}{2} \\ \left\{ -1 \right\}$$

$$82) -2x + 1\frac{1}{4} = -5\frac{1}{12} \quad \left\{ 3\frac{1}{6} \right\}$$

$$83) -1 - \frac{1}{2}x = 0 \\ \left\{ -2 \right\}$$

$$84) 1 + 3x = 5\frac{1}{2} \quad \left\{ 1\frac{1}{2} \right\}$$

$$85) -2 - \frac{3}{2}m = -14 \\ \left\{ 8 \right\}$$

$$86) 2\frac{1}{3}v + \frac{1}{3} = 1\frac{17}{27} \quad \left\{ \frac{5}{9} \right\}$$

$$87) -\frac{2}{3} - 2\frac{1}{5}x = 2\frac{1}{45} \quad \left\{ -1\frac{2}{9} \right\}$$

$$88) \frac{4}{5} + \frac{4}{5}n = 3\frac{1}{10} \quad \left\{ 2\frac{7}{8} \right\}$$

$$89) -n + \frac{4}{5} = -\frac{14}{45} \quad \left\{ 1\frac{1}{9} \right\}$$

$$90) -3\frac{1}{4} - \frac{8}{5}x = -3\frac{1}{4} \\ \left\{ 0 \right\}$$

$$91) \frac{5}{3} + 1\frac{3}{5}x = 8\frac{13}{15} \quad \left\{ 4\frac{1}{2} \right\}$$

$$92) 2r - \frac{1}{3} = -4\frac{2}{15} \quad \left\{ -1\frac{9}{10} \right\}$$

$$93) 2a - 1 = -4\frac{1}{2} \quad \left\{ -1\frac{3}{4} \right\}$$

$$94) -1\frac{1}{3}v - 3\frac{3}{5} = -2 \quad \left\{ -1\frac{1}{5} \right\}$$

$$95) -3\frac{1}{4} + 2m = -11\frac{25}{36} \quad \left\{ -4\frac{2}{9} \right\}$$

$$96) -\frac{1}{5}v - \frac{3}{2} = -1\frac{9}{40} \quad \left\{ -1\frac{3}{8} \right\}$$

$$97) -\frac{3}{4} + 2a = -20\frac{3}{4}$$

$$\{-10\}$$

$$98) \frac{1}{4}p - \frac{4}{3} = -\frac{5}{6}$$

$$\{2\}$$

$$99) -2\frac{2}{3} - 2x = -6 \quad \left\{ 1\frac{2}{3} \right\}$$

$$100) -\frac{7}{5}x + 1\frac{1}{4} = -1\frac{1}{5} \quad \left\{ 1\frac{3}{4} \right\}$$

$$101) -\frac{7}{8}x + 4\frac{4}{5} = 5\frac{4}{5} \quad \left\{ -1\frac{1}{7} \right\}$$

$$102) \frac{4}{3}x - 1\frac{4}{7} = 7\frac{34}{63} \quad \left\{ 6\frac{5}{6} \right\}$$

$$103) -\frac{3}{2}r - \frac{4}{3} = -2\frac{5}{24} \quad \left\{ \frac{7}{12} \right\}$$

$$104) \frac{1}{4}p + 1\frac{1}{3} = 3\frac{17}{96} \quad \left\{ 7\frac{3}{8} \right\}$$

$$105) -1 + 3r = 0 \quad \left\{ \frac{1}{3} \right\}$$

$$106) 4\frac{1}{8} + 5\frac{1}{3}n = 29\frac{29}{40} \quad \left\{ 4\frac{4}{5} \right\}$$

$$107) -\frac{6}{5} - 2n = -3\frac{1}{55} \quad \left\{ \frac{10}{11} \right\}$$

$$108) -\frac{1}{3} + 2\frac{5}{8}r = 4\frac{163}{384} \quad \left\{ 1\frac{13}{16} \right\}$$

$$109) 1\frac{6}{7}n + 4\frac{3}{4} = 1\frac{29}{84} \quad \left\{ -1\frac{5}{6} \right\}$$

$$110) -\frac{2}{3} + 3\frac{1}{3}m = 25\frac{2}{7} \quad \left\{ 7\frac{11}{14} \right\}$$

$$111) 2 + 3\frac{3}{8}p = 2\frac{27}{104} \quad \left\{ \frac{1}{13} \right\}$$

$$112) -1\frac{1}{2} + 1\frac{4}{7}m = 1\frac{9}{14}$$

$$\{2\}$$

$$113) \frac{2}{3}k + 2 = \frac{8}{45} \quad \left\{ -2\frac{11}{15} \right\}$$

$$114) -\frac{5}{4}x + 4\frac{1}{3} = -2\frac{11}{48} \quad \left\{ 5\frac{1}{4} \right\}$$

$$115) 2\frac{1}{6} - 3\frac{2}{5}x = -1\frac{137}{150} \quad \left\{ 1\frac{1}{5} \right\}$$

$$116) 1\frac{1}{6}a + 1\frac{6}{7} = 3\frac{17}{28} \quad \left\{ 1\frac{1}{2} \right\}$$

$$117) \frac{1}{2}n - 2\frac{3}{4} = 1\frac{7}{16} \quad \left\{ 8\frac{3}{8} \right\}$$

$$118) 1\frac{1}{4}n - 2\frac{2}{5} = -1\frac{43}{120} \quad \left\{ \frac{5}{6} \right\}$$

$$119) -\frac{1}{2}x - \frac{9}{5} = -2\frac{7}{40} \quad \left\{ \frac{3}{4} \right\}$$

$$120) -2x - 1 = -7\frac{4}{11} \quad \left\{ 3\frac{2}{11} \right\}$$

$$121) -\frac{1}{3} + 2\frac{1}{8}m = -4\frac{61}{192} \quad \left\{ -1\frac{7}{8} \right\}$$

$$122) -2\frac{2}{5}n - \frac{9}{8} = -27\frac{21}{40}$$

{11}

$$123) 1 + 3\frac{1}{2}v = 8$$

{2}

$$124) -2k + 4 = 7\frac{3}{7} \quad \left\{ -1\frac{5}{7} \right\}$$

$$125) \frac{3}{8} + \frac{1}{5}b = \frac{3}{8}$$

{0}

$$126) -\frac{5}{7}x + \frac{3}{2} = 2\frac{3}{14}$$

{-1}

$$127) -\frac{1}{4}a + 4\frac{3}{7} = 4\frac{16}{21} \quad \left\{ -1\frac{1}{3} \right\}$$

$$128) -2n + 3\frac{1}{4} = -9\frac{3}{20} \quad \left\{ 6\frac{1}{5} \right\}$$

$$129) -3\frac{2}{3}b - \frac{1}{7} = -18\frac{10}{21}$$

{5}

$$130) \frac{2}{3}p + \frac{4}{3} = 5\frac{7}{12} \quad \left\{ 6\frac{3}{8} \right\}$$

$$131) -2\frac{3}{4} - \frac{7}{5}x = -4\frac{19}{52} \quad \left\{ 1\frac{2}{13} \right\}$$

$$132) 2 - \frac{3}{2}a = -8\frac{19}{20} \quad \left\{ 7\frac{3}{10} \right\}$$

$$133) 5\frac{1}{6}x + 1\frac{1}{3} = 53$$

{10}

$$134) -1\frac{3}{8} - \frac{3}{4}n = -2\frac{5}{8} \quad \left\{ 1\frac{2}{3} \right\}$$

$$135) -\frac{1}{2}a + 2\frac{5}{6} = \frac{8}{33} \quad \left\{ 5\frac{2}{11} \right\}$$

$$136) 2r + 2 = 2\frac{3}{4} \quad \left\{ \frac{3}{8} \right\}$$

$$137) -\frac{7}{6}x - 2\frac{3}{8} = -12\frac{245}{312} \quad \left\{ 8\frac{12}{13} \right\}$$

$$138) 4\frac{1}{4}p - 2 = -12\frac{9}{11} \quad \left\{ -2\frac{6}{11} \right\}$$

$$139) -\frac{4}{3} + \frac{3}{2}n = -2\frac{5}{6}$$

{-1}

$$140) 2\frac{1}{6}p + 3\frac{4}{5} = 7\frac{43}{210} \quad \left\{ 1\frac{4}{7} \right\}$$

$$141) -2v + \frac{1}{3} = 7\frac{16}{21} \quad \left\{ -3\frac{5}{7} \right\}$$

$$142) \frac{2}{5}b + 3\frac{5}{6} = 3\frac{13}{30}$$

{-1}

$$143) \frac{2}{3} - 3\frac{1}{4}x = 1\frac{3}{4} \quad \left\{ -\frac{1}{3} \right\}$$

$$144) 1\frac{1}{6} - 3\frac{3}{4}n = 6\frac{1}{6} \quad \left\{ -1\frac{1}{3} \right\}$$

$$145) 3\frac{1}{8} + 7n = -24\frac{7}{8}$$
$$\{-4\}$$

$$146) 1\frac{3}{8} - \frac{2}{5}x = 2\frac{163}{200} \quad \left\{ -3\frac{3}{5} \right\}$$

$$147) -5\frac{4}{5} - 3\frac{2}{7}b = -54\frac{37}{140} \quad \left\{ 14\frac{3}{4} \right\}$$

$$148) -2 - 2n = -3\frac{1}{5} \quad \left\{ \frac{3}{5} \right\}$$

$$149) -4\frac{7}{8}x + \frac{1}{2} = -39\frac{73}{88} \quad \left\{ 8\frac{3}{11} \right\}$$

$$150) \frac{7}{8}x + 1 = -\frac{3}{4}$$
$$\{-2\}$$

$$151) -4m + 2\frac{3}{5} = -57\frac{2}{5}$$
$$\{15\}$$

$$152) 4\frac{3}{8} - 8r = -3\frac{5}{8}$$
$$\{1\}$$

$$153) \frac{1}{4} - \frac{1}{6}x = 0 \quad \left\{ 1\frac{1}{2} \right\}$$

$$154) 2\frac{1}{2}x - \frac{1}{2} = 5\frac{1}{6} \quad \left\{ 2\frac{4}{15} \right\}$$

$$155) 3\frac{5}{6}x + 3\frac{1}{2} = -2\frac{31}{32} \quad \left\{ -1\frac{11}{16} \right\}$$

$$156) 2k - 3\frac{5}{8} = -1\frac{11}{24} \quad \left\{ 1\frac{1}{12} \right\}$$

$$157) 4\frac{5}{6} - 3\frac{1}{2}n = -23\frac{53}{66} \quad \left\{ 8\frac{2}{11} \right\}$$

$$158) 2x - \frac{3}{2} = 12\frac{1}{14} \quad \left\{ 6\frac{11}{14} \right\}$$

$$159) -\frac{11}{7}n - 1\frac{4}{5} = -\frac{18}{35} \quad \left\{ -\frac{9}{11} \right\}$$

$$160) 2 + \frac{7}{4}a = 3\frac{1}{20} \quad \left\{ \frac{3}{5} \right\}$$

$$161) 2\frac{1}{2} - \frac{1}{6}k = 2\frac{1}{2}$$
$$\{0\}$$

$$162) 2x + 7 = 11\frac{4}{7} \quad \left\{ 2\frac{2}{7} \right\}$$

$$163) -2\frac{2}{7} - 1\frac{2}{3}x = -27\frac{8}{273} \quad \left\{ 14\frac{11}{13} \right\}$$

$$164) -2\frac{1}{2} + 5b = -6\frac{1}{2} \quad \left\{ -\frac{4}{5} \right\}$$

$$165) -\frac{3}{8}n - 1\frac{5}{7} = -\frac{223}{224} \quad \left\{ -1\frac{11}{12} \right\}$$

$$166) -2p - \frac{15}{8} = 2\frac{1}{8}$$
$$\{-2\}$$

$$167) 1\frac{1}{8}n - 1\frac{1}{3} = 2\frac{1}{24}$$

{3}

$$169) 2\frac{1}{2} - \frac{8}{5}a = 2\frac{3}{70} \left\{ \frac{2}{7} \right\}$$

$$171) 3\frac{3}{7}n - 3\frac{2}{3} = 1\frac{2}{7} \left\{ 1\frac{4}{9} \right\}$$

$$173) \frac{1}{8}a + 2 = 1\frac{15}{16} \left\{ -\frac{1}{2} \right\}$$

$$175) \frac{5}{4} + \frac{1}{2}k = \frac{5}{24} \left\{ -2\frac{1}{12} \right\}$$

$$177) 2\frac{4}{5} - 8n = 2\frac{4}{5}$$

{0}

$$179) \frac{1}{5}n - \frac{2}{3} = -2\frac{13}{15}$$

{-11}

$$181) \frac{3}{2}n + \frac{9}{7} = -\frac{27}{28} \left\{ -1\frac{1}{2} \right\}$$

$$183) -1\frac{1}{6} - 3\frac{1}{2}x = -18\frac{1}{5} \left\{ 4\frac{13}{15} \right\}$$

$$185) -\frac{4}{7} - \frac{9}{8}v = \frac{13}{56} \left\{ -\frac{5}{7} \right\}$$

$$187) 1\frac{3}{4}m + 1\frac{2}{3} = 8\frac{9}{10} \left\{ 4\frac{2}{15} \right\}$$

$$189) 2\frac{1}{2} - 2n = 3\frac{1}{6} \left\{ -\frac{1}{3} \right\}$$

$$168) -\frac{7}{5}p + \frac{1}{2} = 2\frac{31}{40} \left\{ -1\frac{5}{8} \right\}$$

$$170) \frac{11}{6}p - 4 = -6\frac{4}{9} \left\{ -1\frac{1}{3} \right\}$$

$$172) \frac{6}{5} + \frac{1}{6}x = 1\frac{49}{195} \left\{ \frac{4}{13} \right\}$$

$$174) 3\frac{2}{3}n - 1\frac{6}{7} = 10\frac{29}{56} \left\{ 3\frac{3}{8} \right\}$$

$$176) -2\frac{1}{2} - x = -3\frac{3}{10} \left\{ \frac{4}{5} \right\}$$

$$178) -\frac{2}{5}x + 3\frac{1}{8} = 2\frac{81}{200} \left\{ 1\frac{4}{5} \right\}$$

$$180) -1\frac{3}{7}n - 1\frac{1}{3} = -\frac{67}{84} \left\{ -\frac{3}{8} \right\}$$

$$182) -\frac{1}{5}b - \frac{2}{3} = -2\frac{1}{12} \left\{ 7\frac{1}{12} \right\}$$

$$184) 2p - 1\frac{1}{3} = 6\frac{13}{24} \left\{ 3\frac{15}{16} \right\}$$

$$186) -\frac{1}{2} + 3\frac{2}{3}v = 13\frac{8}{21} \left\{ 3\frac{11}{14} \right\}$$

$$188) 3\frac{1}{2} - \frac{15}{8}b = 8\frac{11}{32} \left\{ -2\frac{7}{12} \right\}$$

$$190) 2\frac{1}{6}n + \frac{9}{7} = -2\frac{25}{28} \left\{ -1\frac{13}{14} \right\}$$

$$191) 2a - 2\frac{1}{8} = -5\frac{1}{2} \quad \left\{ -1\frac{11}{16} \right\}$$

$$192) \frac{2}{5} + 7x = 13\frac{21}{40} \quad \left\{ 1\frac{7}{8} \right\}$$

$$193) \frac{1}{8}p + 3\frac{1}{7} = 3\frac{53}{224} \quad \left\{ \frac{3}{4} \right\}$$

$$194) -1 - 3\frac{1}{6}k = 11\frac{25}{66} \quad \left\{ -3\frac{10}{11} \right\}$$

$$195) 1\frac{1}{2} + 4\frac{1}{5}a = 31\frac{8}{25} \quad \left\{ 7\frac{1}{10} \right\}$$

$$196) \frac{7}{5}b - 2\frac{5}{6} = -5\frac{13}{50} \quad \left\{ -1\frac{11}{15} \right\}$$

$$197) 2\frac{1}{5} - 4\frac{5}{8}k = -7\frac{1}{20}$$

$$\{2\}$$

$$198) \frac{7}{6} - \frac{5}{8}n = -4\frac{49}{156} \quad \left\{ 8\frac{10}{13} \right\}$$

$$199) -\frac{3}{2} - m = -\frac{1}{2}$$

$$\{-1\}$$

$$200) 4\frac{1}{3} + \frac{5}{6}v = 2\frac{3}{4} \quad \left\{ -1\frac{9}{10} \right\}$$

$$201) -2\frac{5}{8} + 1\frac{3}{10}x = \frac{9}{160} \quad \left\{ 2\frac{1}{16} \right\}$$

$$202) \frac{1}{8} - x = -9\frac{59}{104} \quad \left\{ 9\frac{9}{13} \right\}$$

$$203) -2a + \frac{3}{4} = 3\frac{1}{12} \quad \left\{ -1\frac{1}{6} \right\}$$

$$204) 1\frac{5}{6} + 4\frac{1}{2}x = 25\frac{1}{3} \quad \left\{ 5\frac{2}{9} \right\}$$

$$205) 3\frac{1}{2} - m = 4\frac{7}{8} \quad \left\{ -1\frac{3}{8} \right\}$$

$$206) -1\frac{1}{3} + \frac{5}{4}r = -17\frac{7}{12}$$

$$\{-13\}$$

$$207) 3\frac{5}{9} - 1\frac{3}{4}n = 8\frac{31}{45} \quad \left\{ -2\frac{14}{15} \right\}$$

$$208) -3\frac{6}{7} - 2\frac{3}{4}n = -32\frac{41}{56} \quad \left\{ 10\frac{1}{2} \right\}$$

$$209) \frac{2}{3} + 2\frac{2}{3}m = 4\frac{4}{9} \quad \left\{ 1\frac{5}{12} \right\}$$

$$210) -2\frac{4}{5}r + 5\frac{1}{6} = -22\frac{2}{15} \quad \left\{ 9\frac{3}{4} \right\}$$

$$211) -\frac{4}{5} - \frac{8}{7}a = -3\frac{307}{315} \quad \left\{ 2\frac{7}{9} \right\}$$

$$212) 2\frac{5}{8}x - 1\frac{1}{4} = 6\frac{1}{3} \quad \left\{ 2\frac{8}{9} \right\}$$

$$213) -2\frac{3}{5}x + \frac{7}{8} = 5\frac{77}{120} \quad \left\{ -1\frac{5}{6} \right\}$$

$$214) \frac{13}{7}x + \frac{2}{3} = 2\frac{31}{84} \quad \left\{ \frac{11}{12} \right\}$$

$$215) 3\frac{1}{9}m - 3\frac{1}{2} = 30\frac{89}{162} \quad \left\{ 10\frac{17}{18} \right\}$$

$$216) 3\frac{1}{6}b - 3\frac{3}{4} = -8\frac{1}{2} \quad \left\{ -1\frac{1}{2} \right\}$$

$$217) -1\frac{3}{4} + 4\frac{1}{2}p = 40\frac{7}{52} \quad \left\{ 9\frac{4}{13} \right\}$$

$$218) \frac{1}{10}a - 2\frac{1}{2} = -2\frac{6}{19} \quad \left\{ 1\frac{16}{19} \right\}$$

$$219) \frac{5}{3}x + \frac{5}{8} = 5\frac{5}{8}$$

$\{3\}$

$$220) -2\frac{2}{5}x + 4\frac{5}{6} = -12\frac{269}{570} \quad \left\{ 7\frac{4}{19} \right\}$$

$$221) -\frac{3}{4} - 1\frac{2}{3}n = -4\frac{1}{12}$$

$\{2\}$

$$222) 1\frac{3}{7}m + 1\frac{7}{9} = \frac{401}{504} \quad \left\{ -\frac{11}{16} \right\}$$

$$223) 5\frac{3}{5} - \frac{1}{7}m = 4\frac{243}{280} \quad \left\{ 5\frac{1}{8} \right\}$$

$$224) 9x + \frac{5}{3} = -9\frac{2}{15} \quad \left\{ -1\frac{1}{5} \right\}$$

$$225) 4\frac{7}{8}b + 2 = -3\frac{7}{48} \quad \left\{ -1\frac{1}{18} \right\}$$

$$226) 3\frac{1}{2} + \frac{9}{5}x = 5\frac{3}{70} \quad \left\{ \frac{6}{7} \right\}$$

$$227) 3\frac{1}{4} - 2x = 11 \quad \left\{ -3\frac{7}{8} \right\}$$

$$228) -\frac{5}{7}x - \frac{1}{2} = -1\frac{73}{84} \quad \left\{ 1\frac{11}{12} \right\}$$

$$229) -\frac{1}{2} - 6\frac{8}{9}k = -61\frac{65}{126} \quad \left\{ 8\frac{6}{7} \right\}$$

$$230) -1\frac{5}{8} + 5\frac{1}{2}v = -\frac{15}{16} \quad \left\{ \frac{1}{8} \right\}$$

$$231) 2m - \frac{1}{3} = -3\frac{5}{6} \quad \left\{ -1\frac{3}{4} \right\}$$

$$232) -\frac{7}{9}x - \frac{7}{6} = -4\frac{23}{108} \quad \left\{ 3\frac{11}{12} \right\}$$

$$233) -\frac{2}{5} + \frac{4}{9}r = 2\frac{59}{90} \quad \left\{ 6\frac{7}{8} \right\}$$

$$234) -3\frac{5}{6}x + 2\frac{1}{7} = -2\frac{11}{14} \quad \left\{ 1\frac{2}{7} \right\}$$

$$235) \frac{5}{4} + \frac{5}{4}x = 8\frac{53}{64} \quad \left\{ 6\frac{1}{16} \right\}$$

$$236) 3\frac{3}{8}k + 1\frac{1}{6} = 19\frac{71}{264} \quad \left\{ 5\frac{4}{11} \right\}$$

$$237) 1\frac{2}{9}k - \frac{4}{5} = 9\frac{44}{45} \quad \left\{ 8\frac{9}{11} \right\}$$

$$238) 3\frac{2}{9} + 5\frac{9}{10}x = 57\frac{461}{495} \quad \left\{ 9\frac{3}{11} \right\}$$

$$239) -\frac{6}{5} - \frac{1}{8}m = -\frac{513}{640} \quad \left\{ -3\frac{3}{16} \right\}$$

$$240) \frac{1}{3} - 1\frac{7}{10}v = -5\frac{449}{480} \quad \left\{ 3\frac{11}{16} \right\}$$

$$241) -\frac{1}{2} + \frac{1}{6}n = -\frac{11}{15} \quad \left\{ -1\frac{2}{5} \right\}$$

$$242) -3\frac{5}{6} - 2\frac{1}{4}n = -25\frac{13}{30} \quad \left\{ 9\frac{3}{5} \right\}$$

$$243) -\frac{4}{5} + 2\frac{7}{10}n = 27\frac{37}{190} \quad \left\{ 10\frac{7}{19} \right\}$$

$$244) 5\frac{5}{8} - \frac{1}{5}p = 5\frac{87}{280} \quad \left\{ 1\frac{4}{7} \right\}$$

$$245) -2 - \frac{3}{2}r = -7\frac{1}{16} \quad \left\{ 3\frac{3}{8} \right\}$$

$$246) 2\frac{4}{9}k - 3\frac{1}{2} = -2\frac{1}{30} \quad \left\{ \frac{3}{5} \right\}$$

$$247) 8a + 2\frac{7}{8} = 68\frac{47}{72} \quad \left\{ 8\frac{2}{9} \right\}$$

$$248) \frac{1}{7}p - \frac{4}{9} = -\frac{13}{252} \quad \left\{ 2\frac{3}{4} \right\}$$

$$249) \frac{5}{6}n + 7 = 12\frac{1}{8} \quad \left\{ 6\frac{3}{20} \right\}$$

$$250) 4\frac{2}{9} + \frac{9}{5}m = 3\frac{113}{225} \quad \left\{ -\frac{2}{5} \right\}$$

$$251) -3\frac{5}{6}m + \frac{1}{3} = 6\frac{79}{120} \quad \left\{ -1\frac{13}{20} \right\}$$

$$252) -1\frac{1}{3} + \frac{1}{4}v = -1\frac{1}{12}$$

$\{1\}$

$$253) -1\frac{3}{10}n + \frac{3}{2} = 1\frac{37}{100} \quad \left\{ \frac{1}{10} \right\}$$

$$254) -\frac{1}{2}p + 4 = -\frac{1}{30} \quad \left\{ 8\frac{1}{15} \right\}$$

$$255) 2\frac{1}{6} + \frac{9}{5}n = 4\frac{19}{78} \quad \left\{ 1\frac{2}{13} \right\}$$

$$256) -1\frac{5}{6} - \frac{14}{9}b = \frac{1}{30} \quad \left\{ -1\frac{1}{5} \right\}$$

$$257) -2\frac{9}{10}x - 1\frac{1}{2} = 2\frac{9}{14} \quad \left\{ -1\frac{3}{7} \right\}$$

$$258) 4\frac{3}{4} - \frac{1}{2}k = 8\frac{3}{4}$$

$\{-8\}$

$$259) -2b + \frac{1}{4} = 32\frac{1}{4}$$

$$260) -\frac{13}{10} - \frac{2}{5}x = -3\frac{43}{70} \quad \left\{ 5\frac{11}{14} \right\}$$

$\{-16\}$

$$261) -2\frac{1}{4}k - \frac{10}{7} = -6\frac{173}{224} \quad \left\{ 2\frac{3}{8} \right\}$$

$$262) \frac{7}{6} + \frac{8}{9}b = 1\frac{1}{3} \quad \left\{ \frac{3}{16} \right\}$$

263) $3\frac{5}{6}x + \frac{1}{7} = \frac{209}{336} \quad \left\{ \frac{1}{8} \right\}$

264) $-\frac{1}{3}p - \frac{3}{7} = -\frac{101}{105} \quad \left\{ 1\frac{3}{5} \right\}$

265) $-1\frac{1}{8}m + 5\frac{3}{10} = 5\frac{87}{140} \quad \left\{ -\frac{2}{7} \right\}$

266) $-2\frac{3}{8}n + \frac{9}{5} = -1\frac{149}{320} \quad \left\{ 1\frac{3}{8} \right\}$

267) $\frac{7}{6}b + 3\frac{1}{9} = -20\frac{2}{9}$

268) $-8 - \frac{1}{3}b = -7\frac{17}{19} \quad \left\{ -\frac{6}{19} \right\}$

 $\{-20\}$

269) $-2\frac{1}{2}n + 4\frac{1}{2} = 1\frac{1}{11} \quad \left\{ 1\frac{4}{11} \right\}$

270) $1 + \frac{1}{6}r = 1\frac{3}{5} \quad \left\{ 3\frac{3}{5} \right\}$

271) $-1\frac{1}{3} - \frac{9}{7}x = -2\frac{13}{21}$

272) $\frac{3}{8}r - 1 = -2\frac{17}{64} \quad \left\{ -3\frac{3}{8} \right\}$

 $\{1\}$

273) $-9r + \frac{4}{9} = -52\frac{29}{36} \quad \left\{ 5\frac{11}{12} \right\}$

274) $3\frac{7}{9} + 1\frac{1}{2}b = 1\frac{65}{72} \quad \left\{ -1\frac{1}{4} \right\}$

275) $-1\frac{1}{2} + \frac{3}{2}a = \frac{1}{6} \quad \left\{ 1\frac{1}{9} \right\}$

276) $3\frac{3}{8}x + \frac{11}{9} = -5\frac{49}{144} \quad \left\{ -1\frac{17}{18} \right\}$

277) $\frac{16}{9} - \frac{1}{3}k = \frac{59}{126} \quad \left\{ 3\frac{13}{14} \right\}$

278) $1\frac{2}{5}x + 2\frac{1}{6} = 7\frac{23}{30}$

 $\{4\}$

279) $\frac{15}{8} - 3\frac{5}{7}r = -16\frac{13}{56} \quad \left\{ 4\frac{7}{8} \right\}$

280) $5\frac{1}{10} + \frac{8}{5}n = 2\frac{29}{30} \quad \left\{ -1\frac{1}{3} \right\}$

281) $\frac{5}{3} + \frac{5}{8}n = 3\frac{8}{9} \quad \left\{ 3\frac{5}{9} \right\}$

282) $-2\frac{2}{3}x + \frac{11}{6} = -26\frac{5}{6} \quad \left\{ 10\frac{3}{4} \right\}$

283) $\frac{7}{9} + 2\frac{6}{7}n = -9\frac{6}{7} \quad \left\{ -3\frac{13}{18} \right\}$

284) $3\frac{3}{4} + 5\frac{7}{9}x = -6\frac{13}{36} \quad \left\{ -1\frac{3}{4} \right\}$

285) $-\frac{2}{3} + 5\frac{3}{5}x = 9\frac{17}{285} \quad \left\{ 1\frac{14}{19} \right\}$

286) $4\frac{1}{2} - 2\frac{4}{7}p = -18\frac{3}{14} \quad \left\{ 8\frac{5}{6} \right\}$

$$287) \frac{1}{3} + 4\frac{1}{4}m = -7\frac{20}{39} \quad \left\{ -1 \frac{11}{13} \right\}$$

$$288) \frac{5}{7}x + \frac{7}{9} = 6\frac{47}{126} \quad \left\{ 7\frac{5}{6} \right\}$$

$$289) 4\frac{7}{8} - \frac{4}{5}x = 3\frac{49}{120} \quad \left\{ 1\frac{5}{6} \right\}$$

$$290) 1\frac{1}{4} + 2x = 12\frac{3}{28} \quad \left\{ 5\frac{3}{7} \right\}$$

$$291) 4\frac{1}{3} - \frac{5}{7}n = -3\frac{19}{294} \quad \left\{ 10\frac{5}{14} \right\}$$

$$292) 4\frac{5}{8} + 3\frac{3}{4}n = 35\frac{123}{152} \quad \left\{ 8\frac{6}{19} \right\}$$

$$293) \frac{9}{8}p + 1\frac{4}{5} = 9\frac{27}{40}$$

$\{7\}$

$$294) 1\frac{1}{9}b + \frac{16}{9} = \frac{29}{81} \quad \left\{ -1\frac{5}{18} \right\}$$

$$295) -1\frac{1}{2}x - 1\frac{1}{9} = -12\frac{1}{36} \quad \left\{ 7\frac{5}{18} \right\}$$

$$296) 5\frac{3}{7} - 1\frac{1}{8}n = -\frac{83}{182} \quad \left\{ 5\frac{3}{13} \right\}$$

$$297) -2x - 1\frac{1}{2} = -10\frac{17}{18} \quad \left\{ 4\frac{13}{18} \right\}$$

$$298) -2\frac{2}{7} - \frac{4}{3}x = -11\frac{2}{105} \quad \left\{ 6\frac{11}{20} \right\}$$

$$299) 4\frac{1}{3} + 4\frac{1}{2}m = -54\frac{1}{6}$$

$\{-13\}$

$$300) \frac{1}{2} - \frac{1}{4}k = \frac{9}{34} \quad \left\{ \frac{16}{17} \right\}$$

$$301) 2\frac{8}{11} + 4\frac{6}{7}a = 17\frac{1231}{1617} \quad \left\{ 3\frac{2}{21} \right\}$$

$$302) 5\frac{1}{3} + \frac{5}{3}b = 5\frac{11}{18} \quad \left\{ \frac{1}{6} \right\}$$

$$303) 6\frac{5}{8}r + 1\frac{9}{10} = -7\frac{67}{320} \quad \left\{ -1\frac{3}{8} \right\}$$

$$304) 1\frac{2}{9}x - \frac{4}{3} = -1\frac{139}{153} \quad \left\{ -\frac{8}{17} \right\}$$

$$305) -2\frac{61}{84} = -\frac{11}{6} + 4\frac{1}{6}r \quad \left\{ -\frac{3}{14} \right\}$$

$$306) -\frac{4}{3}n + \frac{2}{7} = -3\frac{83}{126} \quad \left\{ 2\frac{23}{24} \right\}$$

$$307) -6\frac{23}{24} = \frac{1}{2}m - 7 \quad \left\{ \frac{1}{12} \right\}$$

$$308) 16\frac{71}{72} = 5\frac{1}{9} - 10n \quad \left\{ -1\frac{3}{16} \right\}$$

$$309) 1\frac{85}{108} = \frac{5}{4} - 2\frac{5}{12}k \quad \left\{ -\frac{2}{9} \right\}$$

$$310) 12\frac{2}{9} = -3\frac{4}{9} - 6m \quad \left\{ -2\frac{11}{18} \right\}$$

$$311) -\frac{5}{7}m + \frac{4}{3} = -2\frac{55}{294} \quad \left\{4 \frac{13}{14}\right\}$$

$$312) -2\frac{7}{9} + \frac{1}{2}p = -3\frac{7}{9}$$

$\{-2\}$

$$313) -\frac{11}{12} = 1\frac{7}{12} - \frac{4}{3}m \quad \left\{1 \frac{7}{8}\right\}$$

$$314) 4 = 1\frac{1}{2}x + 1\frac{3}{4} \quad \left\{1 \frac{1}{2}\right\}$$

$$315) -\frac{1}{6} = \frac{5}{4} - \frac{1}{2}n \quad \left\{2 \frac{5}{6}\right\}$$

$$316) -2\frac{1}{3} = -\frac{3}{2} - \frac{3}{2}n \quad \left\{\frac{5}{9}\right\}$$

$$317) 2\frac{3}{11} = 2n + 5\frac{3}{11} \quad \left\{-1 \frac{1}{2}\right\}$$

$$318) 7 - \frac{13}{7}n = -6\frac{13}{14} \quad \left\{7 \frac{1}{2}\right\}$$

$$319) 1\frac{1}{10}x - 1 = 5\frac{7}{30} \quad \left\{5 \frac{2}{3}\right\}$$

$$320) -16\frac{157}{561} = -1\frac{1}{6}m - \frac{13}{11} \quad \left\{12 \frac{16}{17}\right\}$$

$$321) 6\frac{7}{12}m - 1\frac{3}{4} = -23\frac{1}{52} \quad \left\{-3 \frac{3}{13}\right\}$$

$$322) 12\frac{115}{378} = \frac{1}{2} + 2\frac{5}{9}n \quad \left\{4 \frac{13}{21}\right\}$$

$$323) 6\frac{26}{99} = 4b + 4\frac{4}{9} \quad \left\{\frac{5}{11}\right\}$$

$$324) 17\frac{18}{19} = 2 + \frac{3}{2}x \quad \left\{10 \frac{12}{19}\right\}$$

$$325) 6\frac{2}{7}m + \frac{9}{8} = 10\frac{5}{168} \quad \left\{1 \frac{5}{12}\right\}$$

$$326) \frac{6}{7} + 3\frac{1}{2}b = -2\frac{61}{133} \quad \left\{-\frac{18}{19}\right\}$$

$$327) 1\frac{13}{24} = \frac{1}{5}p - \frac{1}{2} \quad \left\{10 \frac{5}{24}\right\}$$

$$328) 6\frac{8}{11} - \frac{19}{11}x = 5\frac{38}{187} \quad \left\{\frac{15}{17}\right\}$$

$$329) \frac{5}{4}m + 5 = 1\frac{37}{48} \quad \left\{-2 \frac{7}{12}\right\}$$

$$330) -\frac{2}{3} - \frac{2}{9}x = -\frac{2}{9}$$

$\{-2\}$

$$331) 4\frac{4}{7} = 5\frac{1}{2} + \frac{3}{7}b \quad \left\{-2 \frac{1}{6}\right\}$$

$$332) \frac{12}{11}n + 1\frac{7}{9} = 3\frac{73}{198} \quad \left\{1 \frac{11}{24}\right\}$$

$$333) 1\frac{359}{770} = \frac{1}{5} + \frac{5}{7}a \quad \left\{1 \frac{17}{22}\right\}$$

$$334) 4\frac{5}{6}a + 1\frac{4}{5} = -2\frac{1}{15} \quad \left\{-\frac{4}{5}\right\}$$

$$335) -1\frac{6}{7}b - 3\frac{1}{2} = -3\frac{11}{126} \left\{ -\frac{2}{9} \right\}$$

$$336) 20\frac{1}{12} = -3\frac{1}{6} + 4n \left\{ 5\frac{13}{16} \right\}$$

$$337) 14\frac{5}{8} = 2\frac{3}{5}m + 6\frac{1}{2} \left\{ 3\frac{1}{8} \right\}$$

$$338) 3\frac{4}{9} = 2 + \frac{13}{7}n \left\{ \frac{7}{9} \right\}$$

$$339) -1 + 2\frac{1}{5}v = 7\frac{19}{120} \left\{ 3\frac{17}{24} \right\}$$

$$340) 6\frac{1}{18} = -3\frac{1}{6} + \frac{7}{9}b \left\{ 11\frac{6}{7} \right\}$$

$$341) 16\frac{29}{35} = \frac{10}{7} + 2m \left\{ 7\frac{7}{10} \right\}$$

$$342) 2\frac{5}{42} = \frac{1}{2} - 2m \left\{ -\frac{17}{21} \right\}$$

$$343) \frac{1}{3}p - \frac{1}{3} = 1\frac{29}{51} \left\{ 5\frac{12}{17} \right\}$$

$$344) 1\frac{1}{3} = \frac{4}{3} + 6\frac{3}{5}b$$

$$\left\{ 0 \right\}$$

$$345) \frac{51}{154} = -\frac{3}{2}k + \frac{9}{7} \left\{ \frac{7}{11} \right\}$$

$$346) -4\frac{13}{132} = -\frac{7}{4}a - \frac{11}{12} \left\{ 1\frac{9}{11} \right\}$$

$$347) \frac{11}{40} = 2 + \frac{3}{2}n \left\{ -1\frac{3}{20} \right\}$$

$$348) 6\frac{4}{5} - 3\frac{7}{10}a = \frac{63}{80} \left\{ 1\frac{5}{8} \right\}$$

$$349) -9n - \frac{9}{5} = -43\frac{1}{20} \left\{ 4\frac{7}{12} \right\}$$

$$350) -\frac{1}{6} - \frac{3}{8}n = -4\frac{197}{228} \left\{ 12\frac{10}{19} \right\}$$

$$351) -16\frac{223}{1008} = 2\frac{2}{7} - 3\frac{5}{12}k \left\{ 5\frac{5}{12} \right\}$$

$$352) 6\frac{158}{189} = 5\frac{3}{7} + 4\frac{2}{9}x \left\{ \frac{1}{3} \right\}$$

$$353) 4\frac{1}{2}n + 5\frac{6}{7} = 48\frac{17}{28} \left\{ 9\frac{1}{2} \right\}$$

$$354) 5\frac{125}{132} = \frac{1}{2}x + 5\frac{1}{3} \left\{ 1\frac{5}{22} \right\}$$

$$355) 6\frac{2}{35} = \frac{8}{5}x + 4\frac{6}{7} \left\{ \frac{3}{4} \right\}$$

$$356) 1\frac{1}{2}b + \frac{2}{5} = 3\frac{79}{85} \left\{ 2\frac{6}{17} \right\}$$

$$357) -9\frac{47}{84} = 4\frac{1}{2}p - 2\frac{1}{6} \left\{ -1\frac{9}{14} \right\}$$

$$358) \frac{2}{9}x - \frac{3}{2} = -\frac{155}{378} \left\{ 4\frac{19}{21} \right\}$$

$$359) -3\frac{2}{5} = -2a - \frac{3}{5} \quad \left\{ \begin{array}{l} 1 \\ 5 \end{array} \right\}$$

$$360) \frac{17}{10} + 2x = 5\frac{1}{5} \quad \left\{ \begin{array}{l} 1 \\ 4 \end{array} \right\}$$

$$361) -15\frac{1}{4} = -7 + 5\frac{1}{2}k \quad \left\{ \begin{array}{l} -1 \\ 2 \end{array} \right\}$$

$$362) \frac{3}{4} + 3\frac{7}{8}a = 42\frac{57}{64} \quad \left\{ \begin{array}{l} 10 \\ 8 \end{array} \right\}$$

$$363) 2\frac{112}{187} = 2\frac{4}{11} - \frac{4}{5}x \quad \left\{ \begin{array}{l} -5 \\ 17 \end{array} \right\}$$

$$364) 4\frac{4}{9} + \frac{5}{3}k = 18\frac{8}{9} \quad \left\{ \begin{array}{l} 8 \\ 3 \end{array} \right\}$$

$$365) 4\frac{7}{24} = -\frac{4}{3} + \frac{1}{2}x \quad \left\{ \begin{array}{l} 11 \\ 4 \end{array} \right\}$$

$$366) -\frac{19}{12} - 3\frac{2}{9}x = -35\frac{47}{252} \quad \left\{ \begin{array}{l} 10 \\ 7 \end{array} \right\}$$

$$367) 2\frac{9}{40} = -2\frac{5}{12}m + \frac{3}{2} \quad \left\{ \begin{array}{l} -3 \\ 10 \end{array} \right\}$$

$$368) \frac{5}{4}x - 2\frac{6}{11} = -\frac{87}{704} \quad \left\{ \begin{array}{l} 1 \\ 16 \end{array} \right\}$$

$$369) -3\frac{1}{12} + \frac{4}{11}m = -3\frac{101}{132} \quad \left\{ \begin{array}{l} -1 \\ 8 \end{array} \right\}$$

$$370) 5\frac{5}{12} = 4\frac{1}{4} - m \quad \left\{ \begin{array}{l} -1 \\ 6 \end{array} \right\}$$

$$371) \frac{10}{63} = \frac{12}{7} - \frac{14}{9}x$$
$$\{1\}$$

$$372) 5\frac{1}{12}x - 2\frac{7}{9} = \frac{193}{216} \quad \left\{ \begin{array}{l} 13 \\ 18 \end{array} \right\}$$

$$373) -1\frac{7}{45} = \frac{4}{9} + 2x \quad \left\{ \begin{array}{l} -4 \\ 5 \end{array} \right\}$$

$$374) 16\frac{37}{77} = 2x + 9\frac{4}{7} \quad \left\{ \begin{array}{l} 3 \\ 11 \end{array} \right\}$$

$$375) 6\frac{7}{11}k + 4\frac{3}{5} = 3\frac{401}{935} \quad \left\{ \begin{array}{l} -3 \\ 17 \end{array} \right\}$$

$$376) -6 = 1 + 6\frac{2}{9}x \quad \left\{ \begin{array}{l} -1 \\ 8 \end{array} \right\}$$

$$377) -1 + 6\frac{2}{9}r = 10\frac{1}{5} \quad \left\{ \begin{array}{l} 1 \\ 5 \end{array} \right\}$$

$$378) 34\frac{67}{112} = 5 + 6\frac{3}{8}a \quad \left\{ \begin{array}{l} 4 \\ 14 \end{array} \right\}$$

$$379) -2\frac{11}{46} = -2n + \frac{3}{2} \quad \left\{ \begin{array}{l} 1 \\ 23 \end{array} \right\}$$

$$380) 4\frac{3}{7} - \frac{3}{4}r = 3\frac{3}{56} \quad \left\{ \begin{array}{l} 1 \\ 6 \end{array} \right\}$$

$$381) -6\frac{8}{21} = 2n - 3\frac{1}{3} \quad \left\{ \begin{array}{l} -1 \\ 21 \end{array} \right\}$$

$$382) -2\frac{5}{7} - 3\frac{5}{6}p = -15\frac{5}{7} \quad \left\{ \begin{array}{l} 3 \\ 23 \end{array} \right\}$$

383) $\frac{1}{8}r + 1 = \frac{123}{160} \left\{ \begin{matrix} -1 & 17 \\ 20 & \end{matrix} \right\}$

384) $-5\frac{289}{312} = -3\frac{2}{3}r + \frac{9}{8} \left\{ \begin{matrix} 1 & 12 \\ 1 & 13 \end{matrix} \right\}$

385) $15\frac{11}{95} = 10 - 2\frac{7}{10}n \left\{ \begin{matrix} -1 & 17 \\ 19 & \end{matrix} \right\}$

386) $\frac{15}{8} - \frac{1}{3}x = 1\frac{7}{8}$

$\{0\}$

387) $1 - \frac{11}{10}x = \frac{47}{80} \left\{ \begin{matrix} 3 \\ 8 \end{matrix} \right\}$

388) $\frac{4}{7}x + \frac{5}{9} = 5\frac{53}{63} \left\{ \begin{matrix} 9 & 1 \\ 4 & \end{matrix} \right\}$

389) $-\frac{8}{5} + 5\frac{2}{3}n = -9\frac{4}{15} \left\{ \begin{matrix} -1 & 6 \\ 17 & \end{matrix} \right\}$

390) $-9 + 1\frac{1}{2}m = -11\frac{1}{4} \left\{ \begin{matrix} -1 & 1 \\ 2 & \end{matrix} \right\}$

391) $\frac{1}{2}n + 3\frac{3}{5} = 5\frac{101}{210} \left\{ \begin{matrix} 3 & 16 \\ 21 & \end{matrix} \right\}$

392) $2\frac{1}{2}x + 4\frac{7}{8} = 1\frac{1}{8} \left\{ \begin{matrix} -1 & 1 \\ 2 & \end{matrix} \right\}$

393) $86\frac{49}{110} = 1\frac{9}{10} + 6\frac{6}{11}p \left\{ \begin{matrix} 12 & 11 \\ 12 & \end{matrix} \right\}$

394) $4\frac{3}{4} + \frac{7}{8}r = 6\frac{9}{88} \left\{ \begin{matrix} 1 & 6 \\ 11 & \end{matrix} \right\}$

395) $9\frac{1}{6} - 3\frac{4}{11}x = 14\frac{7}{33} \left\{ \begin{matrix} -1 & 1 \\ 2 & \end{matrix} \right\}$

396) $-1\frac{5}{11}x + 7 = 5\frac{86}{99} \left\{ \begin{matrix} 7 \\ 9 \end{matrix} \right\}$

397) $4\frac{1}{6}a + 4\frac{1}{3} = -8\frac{4}{9} \left\{ \begin{matrix} -3 & 1 \\ 15 & \end{matrix} \right\}$

398) $\frac{21}{22} = \frac{3}{4} + \frac{3}{11}r \left\{ \begin{matrix} 3 \\ 4 \end{matrix} \right\}$

399) $8\frac{569}{704} = -2\frac{4}{11} + 6\frac{7}{8}m \left\{ \begin{matrix} 1 & 5 \\ 8 & \end{matrix} \right\}$

400) $-5\frac{3}{5}n - \frac{23}{12} = 6\frac{1}{12} \left\{ \begin{matrix} -1 & 3 \\ 7 & \end{matrix} \right\}$

401) $-2\frac{31}{32} = 7\frac{1}{2} - x \left\{ \begin{matrix} 10 & 15 \\ 32 & \end{matrix} \right\}$

402) $6\frac{15}{16}n + 2 = -\frac{139}{208} \left\{ \begin{matrix} -5 \\ 13 \end{matrix} \right\}$

403) $\frac{1}{2} + 3\frac{3}{5}b = 2\frac{147}{190} \left\{ \begin{matrix} 12 \\ 19 \end{matrix} \right\}$

404) $-1 + 20r = 8\frac{1}{6} \left\{ \begin{matrix} 11 \\ 24 \end{matrix} \right\}$

405) $\frac{1}{10} + 15x = 144\frac{93}{130} \left\{ \begin{matrix} 9 & 25 \\ 39 & \end{matrix} \right\}$

406) $22\frac{5}{8} = \frac{7}{4}x + 20 \left\{ \begin{matrix} 1 & 1 \\ 2 & \end{matrix} \right\}$

$$407) 18\frac{32}{33} = \frac{5}{3}a - \frac{3}{11} \left\{ 11 \frac{6}{11} \right\}$$

$$408) -\frac{2}{5}a + 3\frac{1}{4} = 3\frac{411}{620} \left\{ -1 \frac{1}{31} \right\}$$

$$409) 5\frac{43}{48} = 6\frac{1}{3}n + 15 \left\{ -1 \frac{7}{16} \right\}$$

$$410) 663\frac{7}{228} = -17p + 8\frac{1}{12} \left\{ -38 \frac{10}{19} \right\}$$

$$411) 4\frac{1}{2} - \frac{7}{4}m = -21\frac{23}{40} \left\{ 14 \frac{9}{10} \right\}$$

$$412) 5\frac{11}{13} + \frac{5}{8}n = 13\frac{313}{416} \left\{ 12 \frac{13}{20} \right\}$$

$$413) -\frac{5}{3}x + 4\frac{5}{16} = 2\frac{41}{80} \left\{ 1 \frac{2}{25} \right\}$$

$$414) \frac{29}{32} = \frac{1}{2}v + 1 \left\{ -\frac{3}{16} \right\}$$

$$415) 1\frac{3}{11} = -\frac{4}{3}x + 2 \left\{ \frac{6}{11} \right\}$$

$$416) -\frac{5}{9}x + 4\frac{2}{13} = -1\frac{1403}{3978} \left\{ 9 \frac{31}{34} \right\}$$

$$417) -\frac{1}{2}x + 6\frac{1}{6} = 5\frac{1}{6} \\ \{2\}$$

$$418) 4\frac{67}{240} = 7\frac{1}{4} - \frac{31}{20}b \left\{ 1 \frac{11}{12} \right\}$$

$$419) 1\frac{1}{5}x - \frac{5}{3} = \frac{11}{15} \\ \{2\}$$

$$420) 1\frac{16}{17}a - 1\frac{4}{17} = -3\frac{45}{68} \left\{ -1 \frac{1}{4} \right\}$$

$$421) -35 = 9 - 2v \\ \{22\}$$

$$422) -66\frac{23}{48} = -2\frac{5}{16} + 6\frac{5}{12}k \\ \{-10\}$$

$$423) 8\frac{3}{7}k + 8\frac{1}{13} = 84\frac{605}{2457} \left\{ 9 \frac{1}{27} \right\}$$

$$424) -\frac{18}{17} + 10\frac{11}{12}x = 319\frac{303}{340} \left\{ 29 \frac{2}{5} \right\}$$

$$425) -2\frac{1}{12}n + \frac{13}{12} = 5\frac{277}{408} \left\{ -2 \frac{7}{34} \right\}$$

$$426) 2 - \frac{5}{3}v = \frac{79}{87} \left\{ \frac{19}{29} \right\}$$

$$427) 1\frac{7}{15} = -1 + 2v \left\{ 1 \frac{7}{30} \right\}$$

$$428) 30\frac{521}{680} = -\frac{18}{17} + \frac{19}{12}n \left\{ 20 \frac{1}{10} \right\}$$

$$429) -1\frac{5}{6}a + 10\frac{1}{14} = 8\frac{29}{168} \left\{ 1 \frac{1}{28} \right\}$$

$$430) -12\frac{89}{140} = -\frac{3}{10}x - 13 \left\{ -1 \frac{3}{14} \right\}$$

$$431) 5\frac{265}{308} = \frac{3}{7} + \frac{1}{2}n \quad \left\{10\frac{19}{22}\right\}$$

$$432) 6\frac{5}{12} + \frac{4}{17}p = 6\frac{3}{4} \quad \left\{1\frac{5}{12}\right\}$$

$$433) -2\frac{19}{195} = \frac{2}{5}p - 3\frac{2}{3} \quad \left\{3\frac{12}{13}\right\}$$

$$434) 7\frac{9}{11} + \frac{9}{5}x = 5\frac{272}{1045} \quad \left\{-1\frac{8}{19}\right\}$$

$$435) 8\frac{5}{18} + \frac{14}{17}x = 11\frac{659}{1530} \quad \left\{3\frac{29}{35}\right\}$$

$$436) -\frac{7}{6} + 6\frac{7}{10}n = -9\frac{97}{210} \quad \left\{-1\frac{5}{21}\right\}$$

$$437) 5\frac{107}{120} = 5\frac{5}{8} - \frac{13}{15}v \quad \left\{-\frac{4}{13}\right\}$$

$$438) \frac{11}{25} = -x - 1 \quad \left\{-1\frac{11}{25}\right\}$$

$$439) \frac{9}{5}k + \frac{3}{16} = 28\frac{53}{400} \quad \left\{15\frac{21}{40}\right\}$$

$$440) -223\frac{10}{17} = 9\frac{1}{4}n - \frac{27}{17}$$

$$\{-24\}$$

$$441) -1\frac{5}{14} + \frac{5}{6}m = 9\frac{1}{56} \quad \left\{12\frac{9}{20}\right\}$$

$$442) -5 + 3\frac{11}{16}n = 1\frac{73}{96} \quad \left\{1\frac{5}{6}\right\}$$

$$443) 2 - \frac{4}{9}r = 1\frac{1}{3} \quad \left\{1\frac{1}{2}\right\}$$

$$444) \frac{27}{19}x + \frac{17}{14} = 23\frac{253}{266}$$

$$\{16\}$$

$$445) \frac{11}{6}p - \frac{14}{17} = -5\frac{67}{102} \quad \left\{-2\frac{7}{11}\right\}$$

$$446) 60\frac{2}{3} = 10\frac{5}{12}p + \frac{1}{4} \quad \left\{5\frac{4}{5}\right\}$$

$$447) 4\frac{11}{18} = \frac{16}{9}n + \frac{3}{2} \quad \left\{1\frac{3}{4}\right\}$$

$$448) \frac{3}{14} = \frac{3}{2}x + \frac{12}{7}$$

$$\{-1\}$$

$$449) 4\frac{213}{560} = 3\frac{13}{20}b + \frac{23}{14} \quad \left\{\frac{3}{4}\right\}$$

$$450) -18\frac{1}{12} = 8\frac{5}{6}r - \frac{5}{12}$$

$$\{-2\}$$

$$451) -3\frac{27}{616} = 4\frac{1}{8} + 8\frac{4}{11}x \quad \left\{-\frac{6}{7}\right\}$$

$$452) -1\frac{6}{7}r - 2 = -26\frac{81}{203} \quad \left\{13\frac{4}{29}\right\}$$

$$453) -13p + 8\frac{1}{4} = -153\frac{43}{76} \quad \left\{12\frac{17}{38}\right\}$$

$$454) \frac{35}{19} + 2\frac{9}{16}m = 5\frac{7577}{8208} \quad \left\{1\frac{16}{27}\right\}$$

$$455) -3\frac{1}{4}a - \frac{25}{19} = -68\frac{1621}{1824} \left\{ 20\frac{19}{24} \right\}$$

$$456) 9\frac{63}{152} = \frac{1}{2}n + \frac{9}{8} \left\{ 16\frac{11}{19} \right\}$$

$$457) 1\frac{8}{9}r + 10\frac{7}{18} = 18\frac{311}{522} \left\{ 4\frac{10}{29} \right\}$$

$$458) 1\frac{33}{40} = 7\frac{1}{6}r - 10 \left\{ 1\frac{13}{20} \right\}$$

$$459) -7\frac{26}{63} = \frac{5}{18} + 5\frac{2}{3}r \left\{ -1\frac{5}{14} \right\}$$

$$460) 20\frac{2}{15} - \frac{3}{5}k = 20\frac{257}{375} \left\{ -\frac{23}{25} \right\}$$

$$461) -53\frac{1}{6} = -\frac{1}{2} - 6r \left\{ 8\frac{7}{9} \right\}$$

$$462) -32\frac{29}{80} = \frac{39}{20} - 1\frac{7}{8}v \left\{ 18\frac{3}{10} \right\}$$

$$463) 2 + 5\frac{1}{6}p = 6\frac{11}{36} \left\{ \frac{5}{6} \right\}$$

$$464) 8\frac{83}{171} = 6\frac{5}{19} + \frac{5}{3}k \left\{ 1\frac{1}{3} \right\}$$

$$465) 10\frac{15}{19} - \frac{23}{12}n = -25\frac{527}{608} \left\{ 19\frac{1}{8} \right\}$$

$$466) 1\frac{329}{1100} = -\frac{1}{4}x + \frac{10}{11} \left\{ -1\frac{14}{25} \right\}$$

$$467) -22\frac{14}{15} = -1\frac{11}{20}k + 8\frac{1}{15}$$

$$468) 3\frac{3}{88} = 2 + \frac{7}{8}n \left\{ 1\frac{2}{11} \right\}$$

{20}

$$469) -\frac{11}{6} + 15b = 183\frac{11}{21} \left\{ 12\frac{5}{14} \right\}$$

$$470) \frac{10}{9} + 2\frac{1}{6}n = -29\frac{2}{9}$$

{-14}

$$471) 5\frac{3}{4}n + \frac{5}{3} = 102\frac{43}{108} \left\{ 17\frac{14}{27} \right\}$$

$$472) \frac{1}{4}k + \frac{2}{7} = -\frac{277}{672} \left\{ -2\frac{19}{24} \right\}$$

$$473) 57\frac{118}{153} = -1 + 7\frac{1}{9}x \left\{ 8\frac{9}{34} \right\}$$

$$474) \frac{5}{3} + \frac{6}{11}n = 12\frac{595}{1221} \left\{ 19\frac{31}{37} \right\}$$

$$475) 17x - 3\frac{5}{19} = -564\frac{5}{19}$$

$$476) 85\frac{893}{936} = 2\frac{5}{13} + 4\frac{7}{12}x \left\{ 18\frac{7}{30} \right\}$$

{-33}

$$477) 29\frac{1491}{3230} = 3\frac{13}{19}a + 15\frac{7}{10} \left\{ 3\frac{25}{34} \right\}$$

$$478) 9\frac{2}{9}x + \frac{1}{2} = 59\frac{7}{24} \left\{ 6\frac{3}{8} \right\}$$

$$479) 5\frac{23}{384} = 8\frac{1}{4} + 3\frac{1}{16}x \quad \left\{-1\frac{1}{24}\right\}$$

$$480) 1 - \frac{29}{17}n = 2\frac{287}{612} \quad \left\{-\frac{31}{36}\right\}$$

$$481) -\frac{6}{5} + \frac{5}{7}x = \frac{8}{35}$$

{2}

$$482) \frac{1}{2} + 12x = 10\frac{9}{10} \quad \left\{\frac{13}{15}\right\}$$

$$483) 310\frac{6}{11} = -14m + 2\frac{6}{11}$$

{-22}

$$484) 6\frac{5}{21} = -2\frac{5}{6}r + \frac{4}{7}$$

{-2}

$$485) 3\frac{23}{30} = \frac{1}{2}n + 2\frac{1}{4} \quad \left\{3\frac{1}{30}\right\}$$

$$486) 32\frac{53}{56} = 17n + 1\frac{1}{14} \quad \left\{1\frac{7}{8}\right\}$$

$$487) -\frac{13}{10} - 3\frac{7}{12}b = 12\frac{49}{1920} \quad \left\{-3\frac{23}{32}\right\}$$

$$488) 3\frac{193}{2660} = -2\frac{3}{14}n + \frac{4}{5} \quad \left\{-1\frac{1}{38}\right\}$$

$$489) -18\frac{33}{40} = -19 + \frac{1}{2}n \quad \left\{\frac{7}{20}\right\}$$

$$490) -\frac{13}{7}m - \frac{1}{20} = -1\frac{443}{560} \quad \left\{\frac{15}{16}\right\}$$

$$491) 7\frac{11}{20} + \frac{1}{17}n = 7\frac{1497}{2380} \quad \left\{1\frac{12}{35}\right\}$$

$$492) 6\frac{1}{2} + \frac{9}{8}k = 29\frac{63}{92} \quad \left\{20\frac{14}{23}\right\}$$

$$493) 5\frac{17}{18}x + 1\frac{6}{11} = 65\frac{3349}{3861} \quad \left\{10\frac{32}{39}\right\}$$

$$494) 95\frac{121}{144} = 10\frac{5}{6}x + \frac{3}{2} \quad \left\{8\frac{17}{24}\right\}$$

$$495) -7\frac{813}{1190} = -\frac{17}{10} + 10\frac{8}{17}v \quad \left\{-\frac{4}{7}\right\}$$

$$496) \frac{6}{11}p - 3\frac{14}{17} = -3\frac{286}{595} \quad \left\{\frac{22}{35}\right\}$$

$$497) -12\frac{19}{30} = -\frac{5}{9}v - \frac{7}{6} \quad \left\{20\frac{16}{25}\right\}$$

$$498) -\frac{8}{5}x + \frac{1}{2} = 2\frac{1}{2} \quad \left\{-1\frac{1}{4}\right\}$$

$$499) -\frac{5}{7}x - 5\frac{9}{13} = -16\frac{131}{208} \quad \left\{15\frac{5}{16}\right\}$$

$$500) -1\frac{5}{6} + 8\frac{9}{16}x = 16\frac{763}{1824} \quad \left\{2\frac{5}{38}\right\}$$

$$501) 2\frac{1}{4} = \frac{7}{4}x - \frac{5}{4}$$

{2}

$$502) 1\frac{5}{16} + 9\frac{5}{17}x = -13\frac{5417}{16048} \quad \left\{-1\frac{34}{59}\right\}$$

$$503) -28a + 16\frac{4}{23} = -11\frac{173}{989} \left\{ \begin{matrix} 42 \\ 43 \end{matrix} \right\}$$

$$504) -11\frac{44}{135} = 12\frac{17}{18}a - \frac{11}{6} \left\{ \begin{matrix} -11 \\ 15 \end{matrix} \right\}$$

$$505) -40\frac{1043}{4836} = 3\frac{11}{31} - 1\frac{3}{4}b \left\{ \begin{matrix} 24 \frac{35}{39} \end{matrix} \right\}$$

$$506) 221\frac{1384}{5187} = 14\frac{15}{38}v + \frac{9}{7} \left\{ \begin{matrix} 15 \frac{11}{39} \end{matrix} \right\}$$

$$507) -28\frac{419}{600} = 2\frac{13}{24} - \frac{22}{25}k \left\{ \begin{matrix} 35 \frac{1}{2} \end{matrix} \right\}$$

$$508) 4\frac{11}{24} + 17\frac{7}{24}x = -8\frac{227}{648} \left\{ \begin{matrix} -20 \\ 27 \end{matrix} \right\}$$

$$509) 39\frac{287}{360} = \frac{29}{40} + \frac{13}{8}r \left\{ \begin{matrix} 24 \frac{2}{45} \end{matrix} \right\}$$

$$510) -5\frac{1307}{1575} = -\frac{8}{25}x - 2\frac{18}{35} \left\{ \begin{matrix} 10 \frac{13}{36} \end{matrix} \right\}$$

$$511) -10\frac{87}{224} = 9\frac{9}{16}r - 3\frac{13}{32} \left\{ \begin{matrix} -46 \\ 63 \end{matrix} \right\}$$

$$512) -4\frac{49}{100} = 16\frac{4}{5}r + 8\frac{19}{20} \left\{ \begin{matrix} -4 \\ 5 \end{matrix} \right\}$$

$$513) -21\frac{85}{396} = 6\frac{13}{22} + 17\frac{7}{8}v \left\{ \begin{matrix} -1 \frac{5}{9} \end{matrix} \right\}$$

$$514) -\frac{9}{40}x + \frac{14}{11} = 1\frac{131}{440} \left\{ \begin{matrix} -1 \\ 9 \end{matrix} \right\}$$

$$515) \frac{10}{7} + 18\frac{17}{25}n = -28\frac{113}{275} \left\{ \begin{matrix} -1 \frac{46}{77} \end{matrix} \right\}$$

$$516) 228\frac{2459}{2964} = 15\frac{2}{3} + 14\frac{31}{39}x \left\{ \begin{matrix} 14 \frac{31}{76} \end{matrix} \right\}$$

$$517) 13\frac{5}{24} - \frac{17}{12}m = -23\frac{235}{648} \left\{ \begin{matrix} 25 \frac{22}{27} \end{matrix} \right\}$$

$$518) 1\frac{439}{819} = 4m - \frac{18}{13} \left\{ \begin{matrix} 46 \\ 63 \end{matrix} \right\}$$

$$519) 227\frac{6441}{6728} = 19\frac{5}{8} + 20\frac{5}{29}r \left\{ \begin{matrix} 10 \frac{19}{58} \end{matrix} \right\}$$

$$520) 10\frac{22259}{28140} = 9\frac{11}{40}n + 2\frac{16}{21} \left\{ \begin{matrix} 58 \\ 67 \end{matrix} \right\}$$

$$521) 20\frac{601}{780} = 19\frac{11}{12} + \frac{6}{5}r \left\{ \begin{matrix} 37 \\ 52 \end{matrix} \right\}$$

$$522) 32x + 12\frac{2}{3} = -6\frac{2}{3} \left\{ \begin{matrix} -29 \\ 48 \end{matrix} \right\}$$

$$523) 2\frac{9657}{13832} = \frac{35}{26}p - \frac{41}{28} \left\{ \begin{matrix} 3 \frac{7}{76} \end{matrix} \right\}$$

$$524) 23\frac{5}{8} = 20\frac{33}{40} + \frac{7}{5}x$$

{2}

$$525) -3\frac{23}{28} - \frac{7}{15}x = -3\frac{767}{6720} \left\{ \begin{matrix} -1 \frac{33}{64} \end{matrix} \right\}$$

$$526) -165\frac{215}{418} = 5\frac{1}{2} + 10\frac{1}{11}x \left\{ \begin{matrix} -16 \frac{18}{19} \end{matrix} \right\}$$

$$527) -\frac{16}{9}x - \frac{1}{28} = -1 \frac{4007}{4788} \left\{ 1 \frac{1}{76} \right\}$$

$$528) -\frac{19}{11} - \frac{4}{17}x = -6 \frac{889}{935} \left\{ 22 \frac{1}{5} \right\}$$

$$529) -11 \frac{422}{1995} = -\frac{8}{19} + 6 \frac{2}{7}m \left\{ -1 \frac{43}{60} \right\}$$

$$530) 11 \frac{3}{4}n + 3 \frac{5}{33} = 21 \frac{1040}{1419} \left\{ 1 \frac{25}{43} \right\}$$

$$531) 10 \frac{2716}{7695} = -1 \frac{16}{19} + \frac{11}{9}a \left\{ 9 \frac{44}{45} \right\}$$

$$532) 100 \frac{17}{96} = 32 + 9 \frac{13}{18}n \left\{ 7 \frac{1}{80} \right\}$$

$$533) -3 \frac{3}{14} + 16 \frac{12}{35}v = -28 \frac{3}{4} \left\{ -1 \frac{9}{16} \right\}$$

$$534) -5 \frac{2433}{3325} = 4 \frac{1}{35}n + \frac{44}{25} \left\{ -1 \frac{49}{57} \right\}$$

$$535) 14 \frac{367}{455} = 13 \frac{2}{5} - \frac{12}{13}r \left\{ -1 \frac{11}{21} \right\}$$

$$536) 13 \frac{10}{17}r - 3 \frac{2}{27} = 272 \frac{91}{18819} \left\{ 20 \frac{10}{41} \right\}$$

$$537) 16 \frac{145}{396} = \frac{43}{24}m + 15 \frac{7}{18} \left\{ \frac{6}{11} \right\}$$

$$538) 8 \frac{179}{234} = \frac{5}{9}x + 9 \frac{19}{39} \left\{ -1 \frac{3}{10} \right\}$$

$$539) \frac{11}{7}n + 7 \frac{1}{4} = 52 \frac{1417}{2100} \left\{ 28 \frac{68}{75} \right\}$$

$$540) 2n + \frac{1}{9} = 3 \frac{29}{72} \left\{ 1 \frac{31}{48} \right\}$$

$$541) -42 \frac{407}{420} = -\frac{5}{3} + 15 \frac{17}{21}p \left\{ -2 \frac{49}{80} \right\}$$

$$542) 4 \frac{20}{33}a - \frac{9}{10} = 119 \frac{1019}{14190} \left\{ 26 \frac{2}{43} \right\}$$

$$543) 39 \frac{7}{41} = \frac{13}{27}p + 36 \left\{ 6 \frac{24}{41} \right\}$$

$$544) -8 \frac{6247}{12160} = -\frac{1}{8}v + \frac{12}{19} \left\{ 73 \frac{13}{80} \right\}$$

$$545) -1 \frac{1}{9}b + \frac{27}{22} = -18 \frac{461}{1166} \left\{ 17 \frac{35}{53} \right\}$$

$$546) 2 \frac{2191}{21045} = 10 \frac{17}{30}n + 17 \frac{8}{23} \left\{ -1 \frac{27}{61} \right\}$$

$$547) 3 \frac{151}{252} = \frac{1}{2}n + 4 \frac{19}{36} \left\{ -1 \frac{6}{7} \right\}$$

$$548) 4 \frac{557}{1287} = -\frac{7}{13}m + 10 \frac{1}{9} \left\{ 10 \frac{6}{11} \right\}$$

$$549) 678 \frac{12959}{28424} = 11 \frac{10}{11} + 18 \frac{17}{38}n \left\{ 36 \frac{9}{68} \right\}$$

$$550) 236 \frac{268}{783} = 8 \frac{1}{21}a + \frac{35}{27} \left\{ 29 \frac{6}{29} \right\}$$

$$551) 247\frac{81}{440} = \frac{79}{40} + 8\frac{1}{10}a \quad \left\{30\frac{3}{11}\right\}$$

$$552) -139\frac{13}{14} = -\frac{27}{14} - 2\frac{3}{10}x$$

{60}

$$553) -6\frac{89}{180} = -\frac{4}{9} + 6\frac{1}{20}r$$

$$554) \frac{2083}{6840} = -\frac{26}{19}x + 1\frac{33}{40} \quad \left\{1\frac{1}{9}\right\}$$

{-1}

$$555) 316\frac{961}{1078} = 12\frac{1}{2}m + 16\frac{7}{11} \quad \left\{24\frac{1}{49}\right\}$$

$$556) 7\frac{15}{16}x + 16\frac{4}{21} = 4\frac{191}{672} \quad \left\{-1\frac{1}{2}\right\}$$

$$557) 4\frac{6295}{8874} = 18\frac{7}{18} + 9\frac{20}{29}x \quad \left\{-1\frac{7}{17}\right\}$$

$$558) -2\frac{271}{450} = 1\frac{3}{25} + 1\frac{31}{36}x$$

{-2}

$$559) 18\frac{5}{21}n + \frac{3}{16} = -20\frac{233}{3024} \quad \left\{-1\frac{1}{9}\right\}$$

$$560) 12\frac{8363}{13300} = 10\frac{23}{28} - \frac{34}{25}a \quad \left\{-1\frac{25}{76}\right\}$$

$$561) 2\frac{31}{34} + 11\frac{1}{12}a = 445\frac{4901}{9384} \quad \left\{39\frac{43}{46}\right\}$$

$$562) 1\frac{6743}{38640} = \frac{26}{21} - \frac{3}{40}r \quad \left\{39\frac{43}{46}\right\}$$

$$563) 11\frac{29}{30} - \frac{6}{7}m = 8\frac{1087}{2940} \quad \left\{4\frac{11}{56}\right\}$$

$$564) -2\frac{74}{105} = -\frac{8}{5}n - \frac{4}{7} \quad \left\{1\frac{1}{3}\right\}$$

$$565) 17\frac{1}{2}x - 2\frac{1}{25} = -25\frac{79}{100} \quad \left\{-1\frac{5}{14}\right\}$$

$$566) 2\frac{732}{1495} = \frac{3}{5}r + 3\frac{1}{23} \quad \left\{-\frac{12}{13}\right\}$$

$$567) 8\frac{3042}{3565} = \frac{8}{23}v + 2\frac{4}{5} \quad \left\{17\frac{25}{62}\right\}$$

$$568) 66\frac{25079}{27360} = \frac{1}{32} + 5\frac{8}{15}a \quad \left\{12\frac{5}{57}\right\}$$

$$569) 15\frac{2}{13}m + 11\frac{11}{14} = 116\frac{1830}{2093} \quad \left\{6\frac{43}{46}\right\}$$

$$570) 4\frac{35}{76} = -\frac{1}{4}b + 4 \quad \left\{-1\frac{16}{19}\right\}$$

$$571) -14x + \frac{69}{38} = -42\frac{235}{1482} \quad \left\{3\frac{11}{78}\right\}$$

$$572) 11\frac{11}{30}b - \frac{5}{16} = 16\frac{34}{75} \quad \left\{1\frac{19}{40}\right\}$$

$$573) -20\frac{1072}{1771} = -\frac{25}{23}m - 2 \quad \left\{17\frac{9}{77}\right\}$$

$$574) \frac{1}{9}r - 1\frac{5}{24} = -1\frac{877}{3096} \quad \left\{-\frac{29}{43}\right\}$$

$$575) -16\frac{74}{1755} = \frac{5}{39} + 19\frac{11}{15}x \quad \left\{ -\frac{59}{72} \right\}$$

$$576) -62\frac{541}{6820} = -\frac{4}{5} - 3\frac{7}{22}n \quad \left\{ 18\frac{29}{62} \right\}$$

$$577) 12\frac{5}{7}p + \frac{13}{11} = 438\frac{494}{539} \quad \left\{ 34\frac{3}{7} \right\}$$

$$578) 19\frac{6}{13}k + 2 = 622\frac{97}{1040} \quad \left\{ 31\frac{69}{80} \right\}$$

$$579) 10\frac{17}{29} + 8\frac{23}{40}r = 9\frac{4773}{9280} \quad \left\{ -\frac{1}{8} \right\}$$

$$580) -69\frac{382}{999} = \frac{17}{9} - 1\frac{23}{27}r \quad \left\{ 38\frac{18}{37} \right\}$$

$$581) -51\frac{253}{390} = -\frac{5}{3}r + \frac{13}{10} \quad \left\{ 31\frac{10}{13} \right\}$$

$$582) 253\frac{659}{2592} = 10\frac{23}{36}v + 10\frac{5}{27} \quad \left\{ 22\frac{61}{72} \right\}$$

$$583) 204\frac{527}{1408} = \frac{23}{16} + 13\frac{27}{32}n \quad \left\{ 14\frac{29}{44} \right\}$$

$$584) 25\frac{34}{111} = 5\frac{1}{4} + \frac{65}{37}n \quad \left\{ 11\frac{5}{12} \right\}$$

$$585) 16\frac{123}{416} = 2\frac{7}{32} + 7\frac{1}{26}v$$

{2}

$$586) 13\frac{23}{28} + 14\frac{13}{15}n = 27\frac{419}{5180} \quad \left\{ \frac{33}{37} \right\}$$

$$587) -\frac{1}{2} + \frac{21}{13}n = \frac{233}{2054} \quad \left\{ \frac{30}{79} \right\}$$

$$588) \frac{14}{15}k + 1\frac{1}{34} = -\frac{5257}{9690} \quad \left\{ -1\frac{13}{19} \right\}$$

$$589) -598\frac{4}{5} = 10\frac{1}{5} + 12\frac{11}{16}r$$

{-48}

$$590) \frac{15}{11} + 6\frac{7}{8}x = 24\frac{933}{4048} \quad \left\{ 3\frac{15}{46} \right\}$$

$$591) 79\frac{9}{665} = 2\frac{11}{38}p + 4\frac{9}{10} \quad \left\{ 32\frac{13}{35} \right\}$$

$$592) -2\frac{1}{4} + 3\frac{5}{8}x = 89\frac{79}{94} \quad \left\{ 25\frac{19}{47} \right\}$$

$$593) 6\frac{167}{1989} = 10\frac{1}{9} - 2\frac{11}{39}n \quad \left\{ 1\frac{13}{17} \right\}$$

$$594) -\frac{1}{2} - 3\frac{27}{40}n = -2\frac{51}{260} \quad \left\{ \frac{6}{13} \right\}$$

$$595) 60\frac{314}{4807} = 17\frac{15}{23}p - 2\frac{2}{11} \quad \left\{ 3\frac{10}{19} \right\}$$

$$596) -3\frac{190}{253} = -\frac{9}{23}n + \frac{19}{11}$$

{14}

$$597) 667\frac{7}{10} = 17\frac{5}{14} + 19\frac{29}{30}p \quad \left\{ 32\frac{4}{7} \right\}$$

$$598) 12\frac{15}{26}v + 11\frac{21}{25} = 22\frac{47}{800} \quad \left\{ \frac{13}{16} \right\}$$

$$599) 11\frac{19}{30} + \frac{19}{10}x = 10\frac{169}{435} \left\{ -\frac{19}{29} \right\}$$

$$600) -30\frac{21}{25} = 2n - 32 \left\{ \frac{29}{50} \right\}$$

$$601) \frac{110}{79}x + 7\frac{1}{45} = 144\frac{1969}{3555} \left\{ 98\frac{17}{22} \right\}$$

$$602) 29\frac{13}{21} - \frac{21}{20}m = -\frac{25}{2436} \left\{ 28\frac{19}{87} \right\}$$

$$603) 108\frac{11699}{13020} = 2\frac{4}{31} + \frac{137}{84}p \left\{ 65\frac{72}{155} \right\}$$

$$604) -30\frac{63}{92} = -35x - 56\frac{43}{46} \left\{ -\frac{3}{4} \right\}$$

$$605) 58\frac{30235}{59422} = \frac{101}{66}v + 34\frac{41}{73} \left\{ 15\frac{24}{37} \right\}$$

$$606) 49\frac{82}{95}n + 20\frac{7}{60} = 131\frac{10631}{26220} \left\{ 2\frac{16}{69} \right\}$$

$$607) 171\frac{99635}{338752} = 31\frac{65}{96}n + 82\frac{51}{79} \left\{ 2\frac{107}{134} \right\}$$

$$608) \frac{1}{2}p + 44\frac{48}{67} = 64\frac{10783}{25058} \left\{ 39\frac{80}{187} \right\}$$

$$609) -\frac{53}{27} + \frac{79}{59}x = -4\frac{2249}{11151} \left\{ -1\frac{127}{189} \right\}$$

$$610) 24\frac{69}{74} + 32\frac{87}{98}m = 2406\frac{19685}{29008} \left\{ 72\frac{37}{88} \right\}$$

$$611) \frac{113}{98} - \frac{74}{49}x = 3\frac{295}{882} \left\{ -1\frac{4}{9} \right\}$$

$$612) -\frac{73}{97}x - \frac{23}{24} = -2\frac{995}{2328} \left\{ 1\frac{139}{146} \right\}$$

$$613) \frac{26}{51} + 82\frac{1}{3}x = -119\frac{5053}{6528} \left\{ -1\frac{59}{128} \right\}$$

$$614) -2 + 5\frac{29}{90}x = 98\frac{187}{252} \left\{ 18\frac{13}{14} \right\}$$

$$615) 24\frac{39}{58}r + 15\frac{2}{5} = 63\frac{5606}{15515} \left\{ 1\frac{101}{107} \right\}$$

$$616) -15\frac{45887}{161994} = -\frac{18}{19}n - \frac{103}{87} \left\{ 14\frac{173}{196} \right\}$$

$$617) -177\frac{359}{1596} = -\frac{26}{21} + \frac{107}{76}n$$

$$618) -12\frac{15610}{24013} = -\frac{22}{37} - \frac{3}{11}k \left\{ 44\frac{12}{59} \right\}$$

$\{-125\}$

$$619) -\frac{28}{27}p + 30\frac{19}{84} = 22\frac{155}{756} \left\{ 7\frac{36}{49} \right\}$$

$$620) 387\frac{3945}{15394} = -45 + 32\frac{31}{86}n \left\{ 13\frac{64}{179} \right\}$$

$$621) 2678\frac{1427}{48060} = -\frac{44}{89} + 40\frac{27}{40}a \left\{ 65\frac{23}{27} \right\}$$

$$622) -\frac{4}{3} + 44\frac{83}{87}r = 3301\frac{2020}{3683} \left\{ 73\frac{60}{127} \right\}$$

$$623) 16\frac{3065}{4428} = \frac{1}{3} + \frac{17}{27}r \left\{ \begin{matrix} 25 \\ 161 \\ 164 \end{matrix} \right\}$$

$$624) 1\frac{5803}{106392} = \frac{91}{93} - 1\frac{35}{52}x \left\{ \begin{matrix} -1 \\ 22 \end{matrix} \right\}$$

$$625) -\frac{19}{18} + 3\frac{24}{47}x = 268\frac{6233}{16920} \left\{ \begin{matrix} 76 \\ 149 \\ 200 \end{matrix} \right\}$$

$$626) 34\frac{1967}{4185} = 33\frac{13}{15} - \frac{5}{9}x \left\{ \begin{matrix} -1 \\ 8 \\ 93 \end{matrix} \right\}$$

$$627) -\frac{101}{68} + 33\frac{37}{48}p = 2793\frac{6884}{8313} \left\{ \begin{matrix} 82 \\ 126 \\ 163 \end{matrix} \right\}$$

$$628) 2\frac{21633}{41366} = -\frac{5}{26} + 2\frac{22}{43}m \left\{ \begin{matrix} 1 \\ 3 \\ 37 \end{matrix} \right\}$$

$$629) -\frac{17}{13} + 13\frac{2}{3}p = 955\frac{14}{39}$$

{70}

$$630) 27\frac{34}{37} + 22\frac{65}{94}x = 2081\frac{116501}{180856} \left\{ \begin{matrix} 90 \\ 79 \\ 156 \end{matrix} \right\}$$

$$631) -27\frac{107}{1254} = -1\frac{1}{2} + 18\frac{23}{33}r \left\{ \begin{matrix} -1 \\ 7 \\ 19 \end{matrix} \right\}$$

$$632) -19\frac{9509}{12341} = -\frac{73}{41} - \frac{19}{21}n \left\{ \begin{matrix} 19 \\ 38 \\ 43 \end{matrix} \right\}$$

$$633) 1804\frac{1014}{7511} = \frac{7}{37} + 18\frac{6}{7}x \left\{ \begin{matrix} 95 \\ 77 \\ 116 \end{matrix} \right\}$$

$$634) -\frac{124}{99}v + 13\frac{61}{74} = -65\frac{176485}{241758} \left\{ \begin{matrix} 63 \\ 17 \\ 33 \end{matrix} \right\}$$

$$635) -\frac{16}{17}k - \frac{23}{33} = -\frac{10283}{16269} \left\{ \begin{matrix} -2 \\ 29 \end{matrix} \right\}$$

$$636) -3\frac{16}{29}m + 58 = 51\frac{276}{319} \left\{ \begin{matrix} 1 \\ 8 \\ 11 \end{matrix} \right\}$$

$$637) 25\frac{7}{66}a + 2 = 2009\frac{1283}{1980} \left\{ \begin{matrix} 79 \\ 29 \\ 30 \end{matrix} \right\}$$

$$638) \frac{3}{16}v - \frac{110}{57} = 1\frac{271}{912} \left\{ \begin{matrix} 17 \\ 4 \\ 19 \end{matrix} \right\}$$

$$639) 39\frac{41303}{54188} = -\frac{9}{31}x + 40\frac{21}{92} \left\{ \begin{matrix} 1 \\ 23 \\ 38 \end{matrix} \right\}$$

$$640) 33\frac{37}{4686} = 28\frac{98}{99} - 2\frac{7}{36}m \left\{ \begin{matrix} -1 \\ 59 \\ 71 \end{matrix} \right\}$$

$$641) \frac{25}{41} + 42\frac{1}{2}m = 2871\frac{2361}{9184} \left\{ \begin{matrix} 67 \\ 61 \\ 112 \end{matrix} \right\}$$

$$642) 43\frac{5}{11} + 35\frac{66}{73}b = 1099\frac{44027}{103587} \left\{ \begin{matrix} 29 \\ 53 \\ 129 \end{matrix} \right\}$$

$$643) 16\frac{29}{67}p + 7\frac{42}{89} = 30\frac{258884}{268335} \left\{ \begin{matrix} 1 \\ 58 \\ 135 \end{matrix} \right\}$$

$$644) -3\frac{457609}{772398} = \frac{85}{99} + 3\frac{5}{94}v \left\{ \begin{matrix} -1 \\ 38 \\ 83 \end{matrix} \right\}$$

$$645) \frac{86}{47} + 17\frac{31}{40}k = 22\frac{1343}{5640} \left\{ \begin{matrix} 1 \\ 4 \\ 27 \end{matrix} \right\}$$

$$646) -4\frac{2939}{3825} = -\frac{38}{25} + 4\frac{3}{17}b \left\{ \begin{matrix} -7 \\ 9 \end{matrix} \right\}$$

$$647) 66\frac{37}{75} = -\frac{37}{25}b + 66 \left\{ -\frac{1}{3} \right\}$$

$$648) 2\frac{15325}{134706} = 26\frac{37}{66} + 23\frac{9}{13}b \left\{ -1\frac{5}{157} \right\}$$

$$649) 26\frac{55}{62}n - \frac{2}{73} = 27\frac{45923}{106361} \left\{ 1\frac{1}{47} \right\}$$

$$650) \frac{3}{11}v + \frac{19}{72} = 20\frac{126491}{148104} \left\{ 75\frac{93}{187} \right\}$$

$$651) 39\frac{58}{65}r - \frac{54}{65} = 347\frac{3239}{4225} \left\{ 8\frac{48}{65} \right\}$$

$$652) -2\frac{1}{2}a - \frac{43}{55} = -80\frac{2162}{8745} \left\{ 31\frac{125}{159} \right\}$$

$$653) 861\frac{2139}{2680} = 11\frac{45}{67}n - 82 \left\{ 80\frac{69}{80} \right\}$$

$$654) 393\frac{185}{1197} = 10\frac{14}{95}x - 82 \left\{ 46\frac{52}{63} \right\}$$

$$655) -26 + 28\frac{59}{65}r = 449\frac{4517}{12740} \left\{ 16\frac{87}{196} \right\}$$

$$656) 45\frac{4827}{8768} = 45\frac{35}{64} - \frac{1}{4}x \left\{ -\frac{2}{137} \right\}$$

$$657) -42\frac{9715}{48672} = 33\frac{61}{78}x + 22\frac{7}{96} \left\{ -1\frac{176}{195} \right\}$$

$$658) -\frac{19}{26} + 40\frac{49}{61}p = 366\frac{791}{1586} \left\{ 9 \right\}$$

$$659) 1214\frac{41331}{84280} = 22\frac{75}{98}n + \frac{32}{35} \left\{ 53\frac{53}{172} \right\}$$

$$660) 18\frac{21}{38} + 23v = 55\frac{315}{6346} \left\{ 1\frac{98}{167} \right\}$$

$$661) 49\frac{13}{64}x + 16\frac{13}{28} = 2082\frac{1311}{4480} \left\{ 41\frac{69}{70} \right\}$$

$$662) 12\frac{24489}{25498} = 44\frac{24}{61} - \frac{7}{11}x \left\{ 49\frac{15}{38} \right\}$$

$$663) 14\frac{29}{82} + 29\frac{11}{34}x = 385\frac{18431}{144976} \left\{ 12\frac{67}{104} \right\}$$

$$664) -2\frac{75}{82}b - \frac{73}{48} = -23\frac{6167}{11808} \left\{ 7\frac{79}{144} \right\}$$

$$665) 5\frac{89}{97} + 25\frac{83}{100}n = 57\frac{276037}{911800} \left\{ 1\frac{93}{94} \right\}$$

$$666) -\frac{63}{32}n + 49\frac{19}{30} = -110\frac{34543}{54240} \left\{ 81\frac{46}{113} \right\}$$

$$667) -33\frac{203}{1651} = -25v + \frac{7}{13} \left\{ 1\frac{44}{127} \right\}$$

$$668) -\frac{11}{6}k - \frac{85}{93} = 213\frac{27653}{34968} \left\{ -117\frac{21}{188} \right\}$$

$$669) 52\frac{50405}{116337} = 50\frac{49}{78} - \frac{89}{76}m \left\{ -1\frac{85}{157} \right\}$$

$$670) 18\frac{3}{70}n + \frac{81}{68} = 274\frac{12683}{33796} \left\{ 15\frac{10}{71} \right\}$$

$$671) -3\frac{30}{37} + \frac{19}{16}r = 77\frac{76093}{78144} \left\{ \begin{matrix} 68 & 115 \\ & 132 \end{matrix} \right\}$$

$$672) \frac{86}{49} + 37\frac{17}{48}a = -366\frac{3259}{4704} \left\{ \begin{matrix} -9 & 19 \\ & 22 \end{matrix} \right\}$$

$$673) -\frac{14}{9} - \frac{73}{48}b = -4\frac{2873}{5544} \left\{ \begin{matrix} 1 & 73 \\ & 77 \end{matrix} \right\}$$

$$674) -\frac{3}{2} + \frac{19}{26}n = 46\frac{722}{2171} \left\{ \begin{matrix} 65 & 76 \\ & 167 \end{matrix} \right\}$$

$$675) -153\frac{2099}{6853} = -1\frac{17}{22}x + \frac{13}{7} \left\{ \begin{matrix} 87 & 47 \\ & 89 \end{matrix} \right\}$$

$$676) 20\frac{21}{50}r + 1\frac{5}{8} = 548\frac{4151}{21400} \left\{ \begin{matrix} 26 & 82 \\ & 107 \end{matrix} \right\}$$

$$677) 45\frac{2767}{16107} = 45\frac{11}{59} + \frac{4}{7}n \left\{ \begin{matrix} - & 1 \\ & 39 \end{matrix} \right\}$$

$$678) \frac{2}{13} + 21\frac{5}{6}v = -3471\frac{9}{26}$$

$$\{-159\}$$

$$679) -2\frac{3349}{17766} = 2\frac{13}{14}b - \frac{6}{47} \left\{ \begin{matrix} - & 19 \\ & 27 \end{matrix} \right\}$$

$$680) -\frac{23}{39}n + \frac{13}{40} = 1\frac{50203}{263640} \left\{ \begin{matrix} -1 & 79 \\ & 169 \end{matrix} \right\}$$

$$681) 2\frac{611}{1615} = \frac{179}{95} - \frac{7}{4}x \left\{ \begin{matrix} - & 24 \\ & 85 \end{matrix} \right\}$$

$$682) 49\frac{85081}{222780} = 47\frac{47}{60} + 33\frac{31}{79}m \left\{ \begin{matrix} 9 \\ & 188 \end{matrix} \right\}$$

$$683) 24\frac{28}{31} - \frac{114}{59}n = 26\frac{577}{1085} \left\{ \begin{matrix} - & 59 \\ & 70 \end{matrix} \right\}$$

$$684) 12\frac{1}{6}b + 41\frac{27}{29} = 555\frac{7361}{9744} \left\{ \begin{matrix} 42 & 13 \\ & 56 \end{matrix} \right\}$$

$$685) -\frac{157}{85} + 32\frac{21}{76}a = 2\frac{195039}{762280} \left\{ \begin{matrix} 15 \\ & 118 \end{matrix} \right\}$$

$$686) -\frac{26}{37}m + \frac{109}{56} = -33\frac{80621}{97384} \left\{ \begin{matrix} 50 & 171 \\ & 188 \end{matrix} \right\}$$

$$687) 36\frac{30213}{34220} = 49\frac{15}{58}v + \frac{7}{5} \left\{ \begin{matrix} 85 \\ & 118 \end{matrix} \right\}$$

$$688) 27\frac{37}{38} - \frac{24}{83}m = 28\frac{12297}{41002} \left\{ \begin{matrix} -1 & 5 \\ & 39 \end{matrix} \right\}$$

$$689) \frac{34}{25} - \frac{46}{27}x = 2\frac{67}{75} \left\{ \begin{matrix} - & 9 \\ & 10 \end{matrix} \right\}$$

$$690) \frac{2}{3} + \frac{2}{11}x = 8\frac{101}{132} \left\{ \begin{matrix} 44 & 13 \\ & 24 \end{matrix} \right\}$$

$$691) 2\frac{36837}{55748} = \frac{8}{11} - \frac{41}{28}k \left\{ \begin{matrix} -1 & 58 \\ & 181 \end{matrix} \right\}$$

$$692) 16\frac{5}{41}k + 29\frac{23}{49} = 838\frac{58704}{82369} \left\{ \begin{matrix} 50 & 8 \\ & 41 \end{matrix} \right\}$$

$$693) 28\frac{3}{5}p - \frac{48}{53} = 1989\frac{202}{265} \left\{ \begin{matrix} 69 & 32 \\ & 53 \end{matrix} \right\}$$

$$694) -4\frac{229}{1343} = 4x - \frac{125}{79} \left\{ \begin{matrix} - & 11 \\ & 17 \end{matrix} \right\}$$

$$695) 35\frac{1}{93} + 36\frac{1}{12}x = -1\frac{7697}{13578} \quad \left\{-1\frac{1}{73}\right\}$$

$$696) 2\frac{1}{47}r - \frac{22}{17} = 227\frac{88}{799}$$

{113}

$$697) -11\frac{3679}{4720} = 41\frac{59}{80} + 30\frac{35}{69}n \quad \left\{-1\frac{89}{118}\right\}$$

$$698) 63n + \frac{8}{21} = 2448\frac{103}{105} \quad \left\{38\frac{13}{15}\right\}$$

$$699) 5\frac{43}{51} = -\frac{29}{17}x + 3 \quad \left\{-1\frac{2}{3}\right\}$$

$$700) 64\frac{1259}{2139} = 98\frac{28}{69} - \frac{17}{31}n \quad \left\{61\frac{2}{3}\right\}$$

$$701) 4\frac{1}{3}x + 3\frac{2}{3} = 7\frac{11}{24} \quad \left\{\frac{7}{8}\right\}$$

$$702) \frac{1}{3} - 7\frac{1}{2}x = 3\frac{31}{39} \quad \left\{-\frac{6}{13}\right\}$$

$$703) -2x - \frac{13}{8} = -5\frac{5}{8}$$

$$704) 1\frac{59}{140} = -2\frac{3}{7} + \frac{1}{2}k \quad \left\{7\frac{7}{10}\right\}$$

{2}

$$705) -15\frac{37}{45} = 3\frac{1}{9} - 2\frac{2}{5}v \quad \left\{7\frac{8}{9}\right\}$$

$$706) -2\frac{1}{2} = -5n - 3\frac{3}{4} \quad \left\{-\frac{1}{4}\right\}$$

$$707) \frac{8}{9} - 1\frac{9}{10}v = \frac{167}{765} \quad \left\{\frac{6}{17}\right\}$$

$$708) 5\frac{1}{3} = -2 - \frac{2}{3}x$$

{-11}

$$709) \frac{2}{5} + 5\frac{4}{7}p = -5\frac{19}{35} \quad \left\{-1\frac{1}{15}\right\}$$

$$710) -2\frac{2}{5} + 2\frac{2}{3}v = -2\frac{38}{45} \quad \left\{-\frac{1}{6}\right\}$$

$$711) \frac{4}{57} = \frac{1}{2} - \frac{7}{6}p \quad \left\{\frac{7}{19}\right\}$$

$$712) 2\frac{6}{7} - 1\frac{5}{8}k = 5\frac{5}{28} \quad \left\{-1\frac{3}{7}\right\}$$

$$713) -\frac{19}{10} - 1\frac{1}{3}p = 18\frac{17}{20} \quad \left\{-15\frac{9}{16}\right\}$$

$$714) \frac{8}{9}n + 4\frac{2}{9} = 3\frac{17}{27} \quad \left\{-\frac{2}{3}\right\}$$

$$715) -11\frac{31}{48} = -1\frac{7}{8} - 1\frac{1}{6}x \quad \left\{8\frac{3}{8}\right\}$$

$$716) 2\frac{5}{126} = -\frac{3}{2}v + \frac{1}{9} \quad \left\{-1\frac{2}{7}\right\}$$

$$717) 5\frac{65}{532} = 1\frac{3}{4}b + \frac{12}{7} \quad \left\{1\frac{18}{19}\right\}$$

$$718) 2\frac{1}{280} = -1\frac{1}{6}x + \frac{3}{7} \quad \left\{-1\frac{7}{20}\right\}$$

$$719) -1\frac{5}{6} + \frac{5}{6}n = -2\frac{7}{33} \quad \left\{ -\frac{5}{11} \right\}$$

$$720) -\frac{2}{3} + 2\frac{1}{6}x = -2\frac{19}{54} \quad \left\{ -\frac{7}{9} \right\}$$

$$721) \frac{5}{9} = -\frac{2}{3}n + \frac{1}{3} \quad \left\{ -\frac{1}{3} \right\}$$

$$722) -4\frac{19}{40} = -\frac{1}{4}m - 3\frac{1}{5} \quad \left\{ 5\frac{1}{10} \right\}$$

$$723) -1\frac{2}{3} = -\frac{5}{3}x - \frac{16}{9} \quad \left\{ -\frac{1}{15} \right\}$$

$$724) \frac{5}{8}x + 4\frac{1}{2} = 9\frac{17}{32} \quad \left\{ 8\frac{1}{20} \right\}$$

$$725) -\frac{161}{190} = -\frac{1}{4}n - \frac{7}{5} \quad \left\{ -2\frac{4}{19} \right\}$$

$$726) -8\frac{1}{2}v - 2\frac{2}{9} = -70\frac{233}{360} \quad \left\{ 8\frac{1}{20} \right\}$$

$$727) 3\frac{2}{9}x + 8 = 26\frac{26}{63} \quad \left\{ 5\frac{5}{7} \right\}$$

$$728) -7\frac{31}{49} = -1 - 3\frac{4}{7}k \quad \left\{ 1\frac{6}{7} \right\}$$

$$729) 7\frac{25}{104} = -\frac{7}{8}x + 5\frac{5}{8} \quad \left\{ -1\frac{11}{13} \right\}$$

$$730) \frac{13}{7}v - 1 = 2\frac{41}{112} \quad \left\{ 1\frac{13}{16} \right\}$$

$$731) 8b - \frac{9}{5} = 85 \quad \left\{ 10\frac{17}{20} \right\}$$

$$732) -2\frac{1}{2}a - 10 = -37\frac{3}{16} \quad \left\{ 10\frac{7}{8} \right\}$$

$$733) 50\frac{49}{162} = 5\frac{8}{9}x + 4\frac{1}{2} \quad \left\{ 7\frac{7}{9} \right\}$$

$$734) 15\frac{101}{168} = -3\frac{5}{8} + 2\frac{5}{7}m \quad \left\{ 7\frac{1}{12} \right\}$$

$$735) \frac{9}{10}n - 3\frac{1}{6} = -1\frac{107}{255} \quad \left\{ 1\frac{16}{17} \right\}$$

$$736) -\frac{2}{9}m + 1\frac{3}{4} = 1\frac{91}{180} \quad \left\{ 1\frac{1}{10} \right\}$$

$$737) 5\frac{1}{10} = \frac{13}{10}k + 2\frac{1}{2}$$

$$738) -\frac{29}{78} = -2\frac{1}{6} - \frac{5}{3}p \quad \left\{ -1\frac{1}{13} \right\}$$

{2}

$$739) 5\frac{3}{4}m - 3\frac{1}{6} = -23\frac{7}{24} \quad \left\{ -3\frac{1}{2} \right\}$$

$$740) -\frac{7}{4} + \frac{1}{4}a = -\frac{33}{80} \quad \left\{ 5\frac{7}{20} \right\}$$

$$741) -3\frac{4}{5} = 3v + \frac{6}{5} \quad \left\{ -1\frac{2}{3} \right\}$$

$$742) 24\frac{1}{5} = \frac{7}{5}a + 3\frac{1}{5}$$

{15}

$$743) 3\frac{7}{10} + 5\frac{3}{7}x = 10\frac{211}{630} \quad \left\{1\frac{2}{9}\right\}$$

$$744) -4\frac{8}{9} = -2 + \frac{13}{9}n$$

$\{-2\}$

$$745) 8\frac{257}{765} = \frac{8}{5}v + 5\frac{8}{9} \quad \left\{1\frac{9}{17}\right\}$$

$$746) 5\frac{1}{2} + \frac{17}{9}x = 12\frac{1}{9} \quad \left\{3\frac{1}{2}\right\}$$

$$747) -1\frac{5}{8} = 1\frac{4}{9}a - \frac{13}{8}$$

$\{0\}$

$$748) -1\frac{1}{4}x + 2 = \frac{1}{2} \quad \left\{1\frac{1}{5}\right\}$$

$$749) 3\frac{6}{7}r + \frac{3}{2} = 4\frac{59}{70} \quad \left\{\frac{13}{15}\right\}$$

$$750) -2\frac{3}{4} - \frac{5}{8}n = -1\frac{11}{12} \quad \left\{-1\frac{1}{3}\right\}$$

$$751) -\frac{17}{9}x + 4\frac{1}{3} = -3\frac{41}{108} \quad \left\{4\frac{1}{12}\right\}$$

$$752) \frac{11}{36} = 2\frac{8}{9} - \frac{4}{3}b \quad \left\{1\frac{15}{16}\right\}$$

$$753) -3\frac{1}{2}r - 3\frac{1}{8} = -3\frac{1}{8}$$

$\{0\}$

$$754) -1\frac{259}{306} = -2\frac{1}{9} + \frac{1}{4}k \quad \left\{1\frac{1}{17}\right\}$$

$$755) 8\frac{7}{40} = -2p + 1\frac{3}{8} \quad \left\{-3\frac{2}{5}\right\}$$

$$756) 9\frac{19}{27} = 2 + 5\frac{1}{3}k \quad \left\{1\frac{4}{9}\right\}$$

$$757) -2\frac{9}{10} + 2b = -\frac{37}{130} \quad \left\{1\frac{4}{13}\right\}$$

$$758) \frac{2}{9}n - \frac{5}{7} = -1\frac{8}{63} \quad \left\{-1\frac{6}{7}\right\}$$

$$759) -2\frac{4}{9} = 2\frac{5}{6} + 2\frac{1}{9}n \quad \left\{-2\frac{1}{2}\right\}$$

$$760) \frac{2}{5} + \frac{3}{4}b = -2\frac{23}{80} \quad \left\{-3\frac{7}{12}\right\}$$

$$761) -4\frac{13}{63} = -3\frac{5}{7}n + \frac{1}{3} \quad \left\{1\frac{2}{9}\right\}$$

$$762) -\frac{1}{5}x - 2 = -1\frac{22}{25} \quad \left\{-\frac{3}{5}\right\}$$

$$763) -1\frac{5}{6} - \frac{12}{7}n = -3\frac{197}{294} \quad \left\{1\frac{1}{14}\right\}$$

$$764) 11\frac{67}{70} = 3\frac{2}{3}x - \frac{1}{7} \quad \left\{3\frac{3}{10}\right\}$$

$$765) 10\frac{1}{4} = 4\frac{1}{4}n + 3\frac{7}{8} \quad \left\{1\frac{1}{2}\right\}$$

$$766) -\frac{9}{10}n - 1\frac{2}{3} = -7\frac{49}{60} \quad \left\{6\frac{5}{6}\right\}$$

$$767) \frac{3}{8} = \frac{3}{8} - 8n$$

$$\{0\}$$

$$768) -2\frac{1}{6} - \frac{3}{8}n = -5\frac{17}{48} \left\{8\frac{1}{2}\right\}$$

$$769) -3\frac{6}{7} + \frac{9}{5}n = 9\frac{123}{175} \left\{7\frac{8}{15}\right\}$$

$$770) 7\frac{25}{32} = 3\frac{1}{2}a + 1 \left\{1\frac{15}{16}\right\}$$

$$771) 13\frac{9}{10} = \frac{10}{7}r + \frac{7}{5} \left\{8\frac{3}{4}\right\}$$

$$772) -1\frac{2}{15} = 1\frac{2}{3} + 2n \left\{-1\frac{2}{5}\right\}$$

$$773) -\frac{3}{4}p + \frac{5}{3} = 1\frac{1}{24} \left\{\frac{5}{6}\right\}$$

$$774) -2 - \frac{7}{8}p = 7\frac{5}{8}$$

$$\{-11\}$$

$$775) 5\frac{1}{8}b + \frac{3}{2} = -7\frac{29}{40} \left\{-1\frac{4}{5}\right\}$$

$$776) -3\frac{9}{20} = -1 + \frac{7}{5}r \left\{-1\frac{3}{4}\right\}$$

$$777) 1\frac{1}{2} - a = -7\frac{21}{38} \left\{9\frac{1}{19}\right\}$$

$$778) -\frac{11}{6}a + 4\frac{1}{8} = -5\frac{23}{24} \left\{5\frac{1}{2}\right\}$$

$$779) -9\frac{47}{60} = -3\frac{1}{3} + 4\frac{3}{10}x \left\{-1\frac{1}{2}\right\}$$

$$780) -\frac{5}{3}x - \frac{11}{8} = -15\frac{67}{456} \left\{8\frac{5}{19}\right\}$$

$$781) 6\frac{13}{24} = \frac{7}{10}a + 5\frac{9}{10} \left\{\frac{11}{12}\right\}$$

$$782) -6\frac{61}{72} = -3\frac{2}{9} - \frac{1}{2}n \left\{7\frac{1}{4}\right\}$$

$$783) 1\frac{25}{39} = -2v - \frac{2}{3} \left\{-1\frac{2}{13}\right\}$$

$$784) 6\frac{31}{48} = \frac{5}{3}m + \frac{9}{8} \left\{3\frac{5}{16}\right\}$$

$$785) 4\frac{2}{3} - 1\frac{7}{10}x = -3\frac{451}{480} \left\{5\frac{1}{16}\right\}$$

$$786) 14\frac{9}{70} = 4\frac{5}{7}a + 4\frac{7}{10}$$

$$\{2\}$$

$$787) -1 + \frac{1}{10}v = -\frac{39}{40} \left\{\frac{1}{4}\right\}$$

$$788) -1\frac{1}{4} + 3\frac{3}{8}m = 9\frac{7}{16} \left\{3\frac{1}{6}\right\}$$

$$789) 2\frac{529}{585} = \frac{1}{10}r + 2\frac{8}{9} \left\{\frac{2}{13}\right\}$$

$$790) -1\frac{27}{35} = 3\frac{1}{7}x + 2 \left\{-1\frac{1}{5}\right\}$$

$$791) \frac{3}{2}m + 3\frac{1}{4} = 4 \quad \left\{ \frac{1}{2} \right\}$$

$$792) -4\frac{3}{8} = -x + \frac{1}{8} \quad \left\{ 4\frac{1}{2} \right\}$$

$$793) \frac{13}{7} - \frac{4}{5}n = 1\frac{66}{175} \quad \left\{ \frac{3}{5} \right\}$$

$$794) \frac{5}{9} - \frac{6}{5}p = -9\frac{26}{45} \quad \left\{ 8\frac{4}{9} \right\}$$

$$795) -2\frac{5}{8} + 1\frac{3}{5}v = 1\frac{123}{200} \quad \left\{ 2\frac{13}{20} \right\}$$

$$796) 5\frac{1}{10}v + \frac{3}{5} = 47\frac{7}{20} \quad \left\{ 9\frac{1}{6} \right\}$$

$$797) -\frac{7}{15} = \frac{5}{6} - 2x \quad \left\{ \frac{13}{20} \right\}$$

$$798) 3\frac{3}{5}p - 1 = 17\frac{3}{5} \quad \left\{ 5\frac{1}{6} \right\}$$

$$799) 4\frac{9}{10} + 9x = -1\frac{37}{70} \quad \left\{ -\frac{5}{7} \right\}$$

$$800) 2n + 9 = 13 \\ \{2\}$$