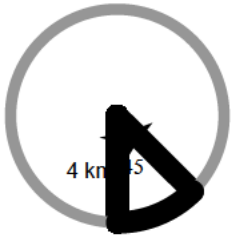


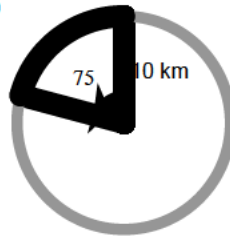
Circles - Sector area

Find the sector area

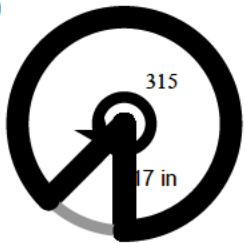
1)



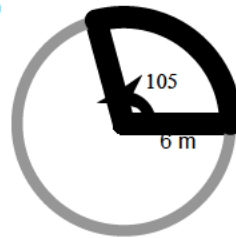
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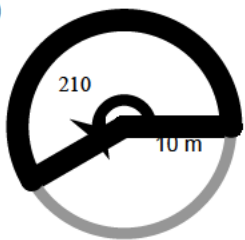
3)



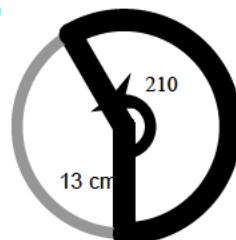
4)



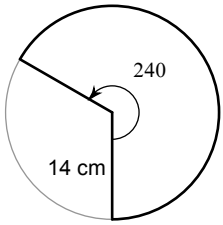
5)



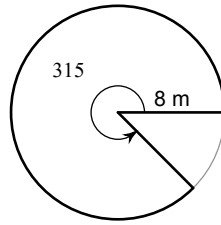
6)



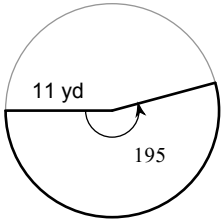
7)



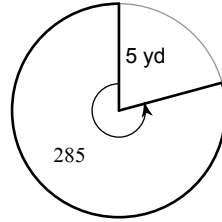
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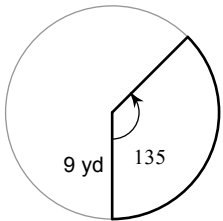
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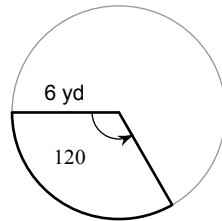
10)



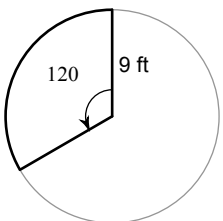
11)



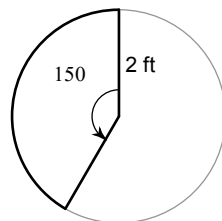
12)



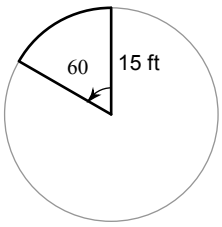
13)



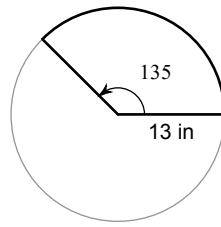
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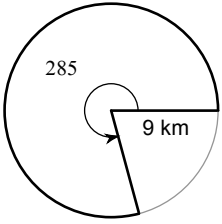
15)



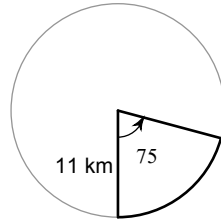
16)



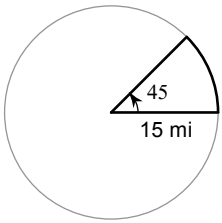
17)



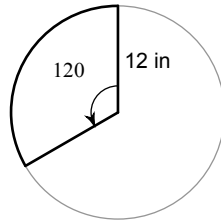
18)



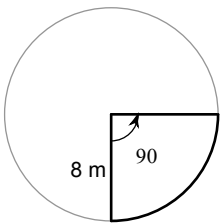
19)



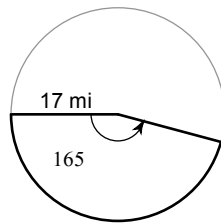
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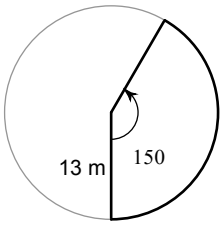
21)



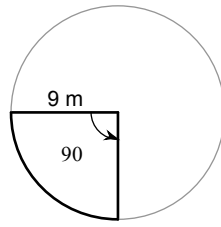
22)



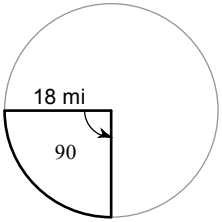
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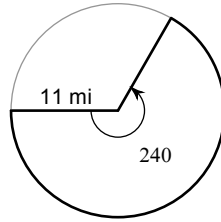
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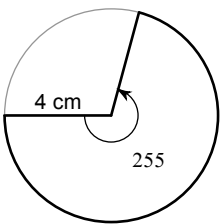
25)



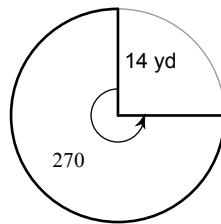
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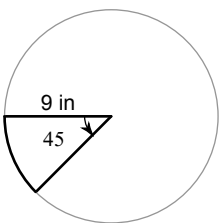
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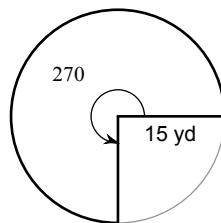
28)



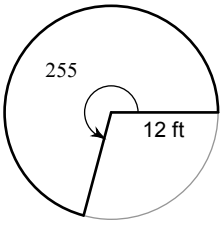
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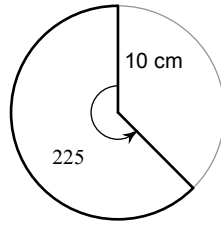
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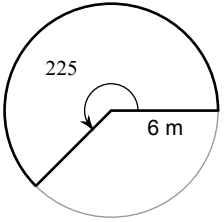
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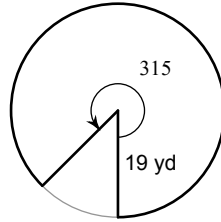
32)



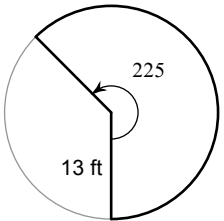
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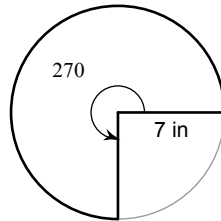
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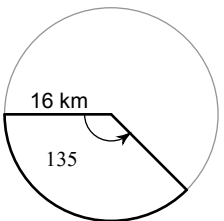
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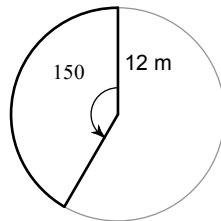
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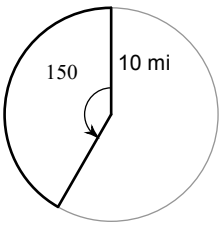
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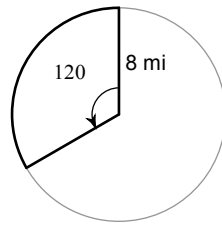
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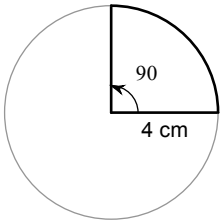
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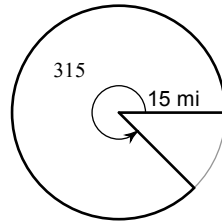
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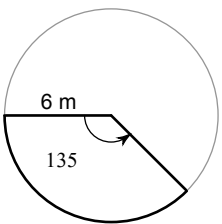
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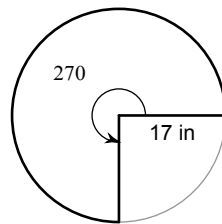
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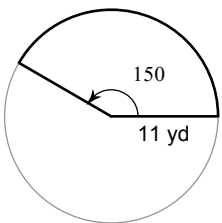
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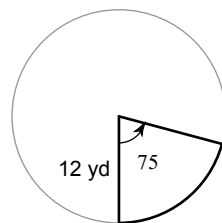
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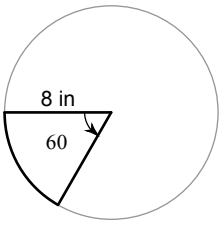
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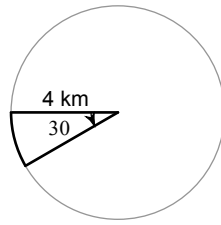
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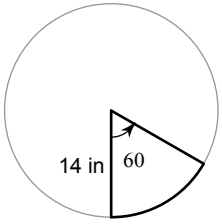
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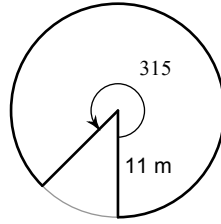
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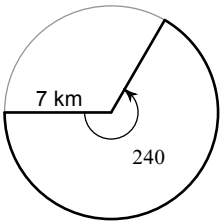
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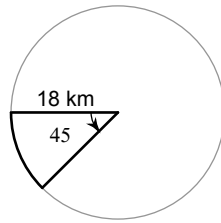
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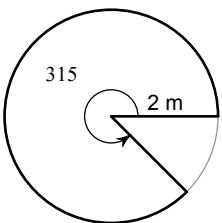
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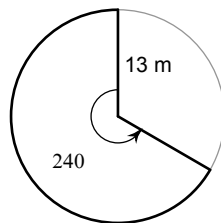
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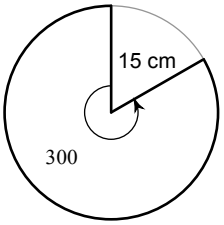
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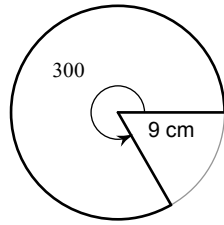
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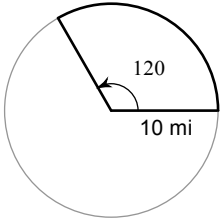
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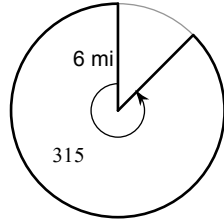
56)



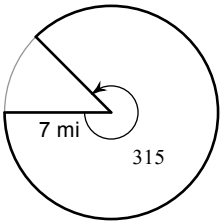
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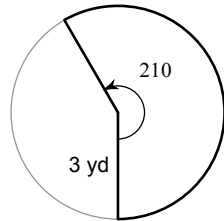
58)



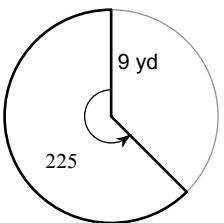
59)



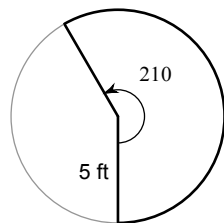
60)



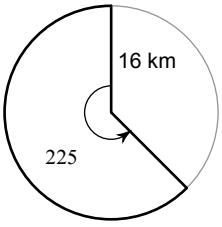
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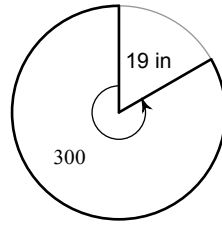
62)



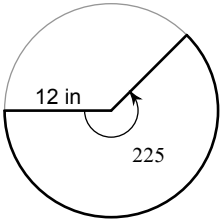
63)



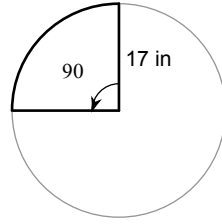
64)



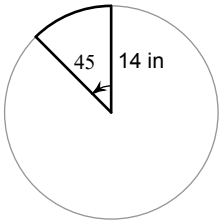
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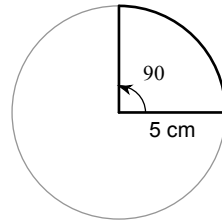
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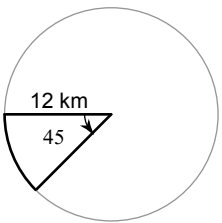
67)



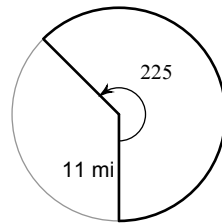
68)



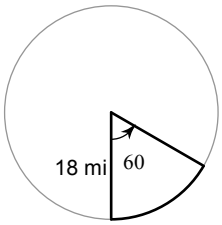
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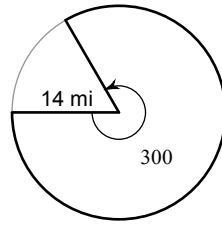
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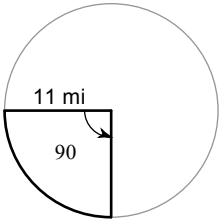
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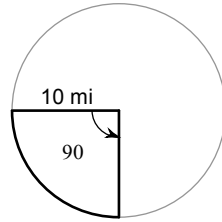
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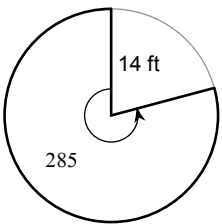
73)



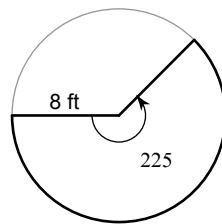
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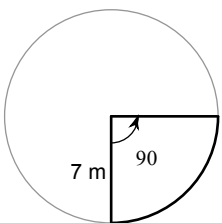
75)



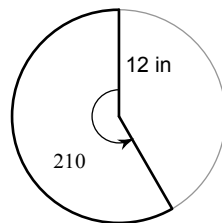
76)



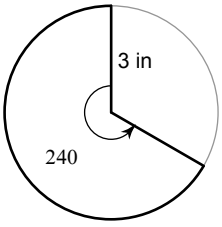
77)



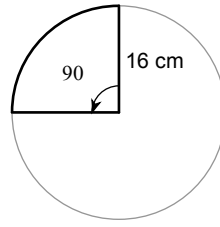
78)



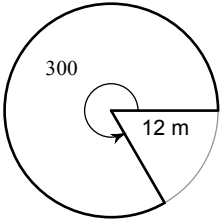
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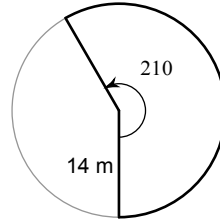
80)



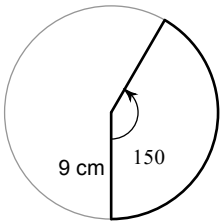
81)



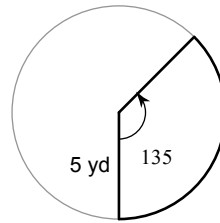
82)



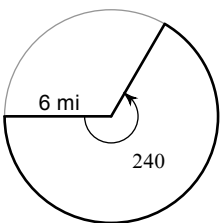
83)



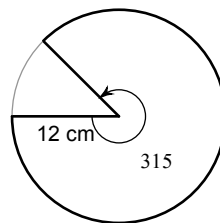
84)



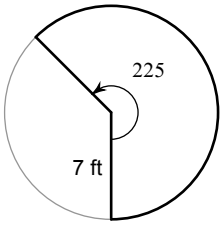
85)



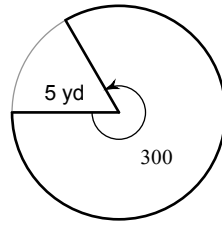
86)



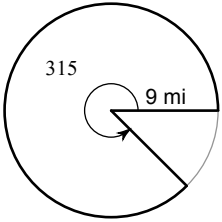
87)



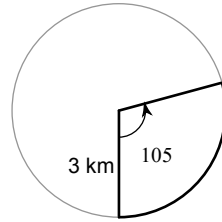
88)



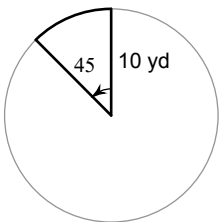
89)



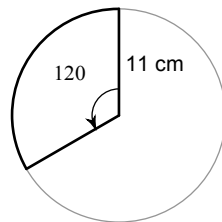
90)



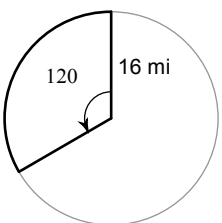
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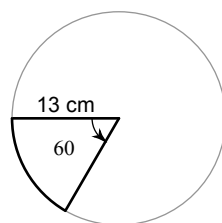
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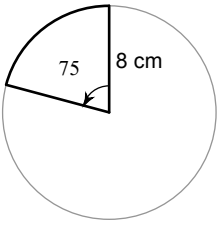
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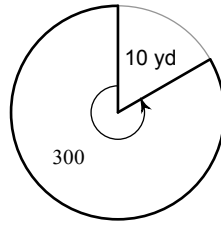
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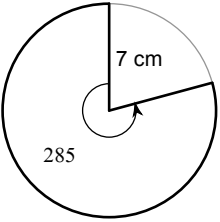
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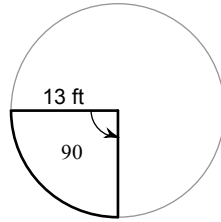
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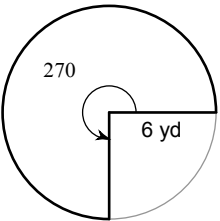
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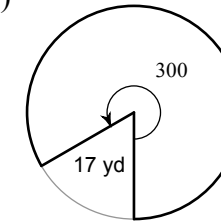
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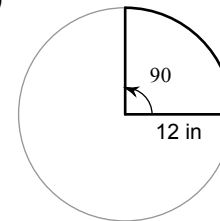
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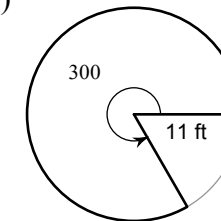
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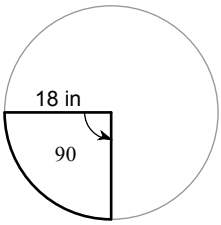
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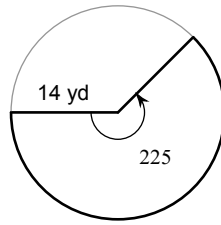
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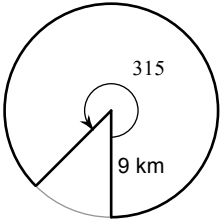
103)



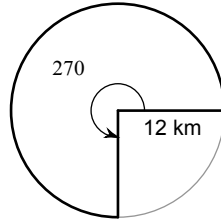
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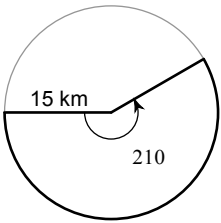
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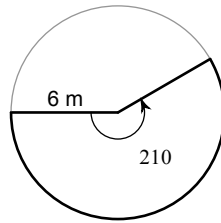
106)



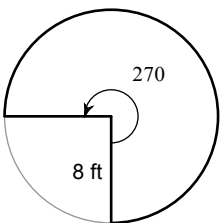
107)



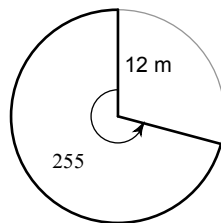
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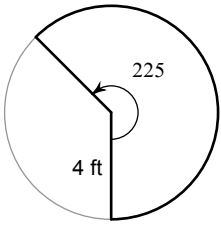
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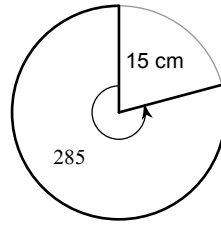
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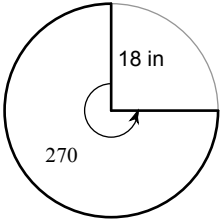
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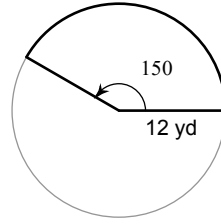
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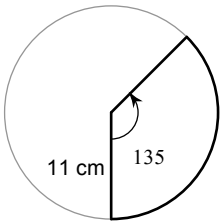
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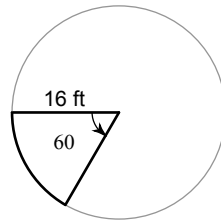
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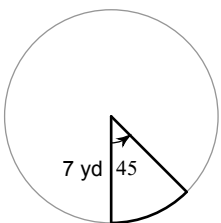
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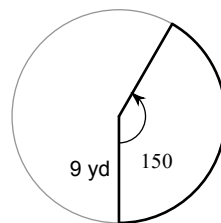
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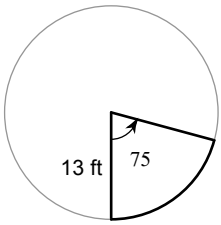
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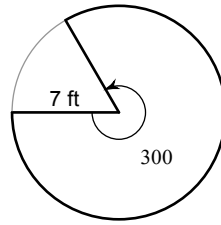
118)



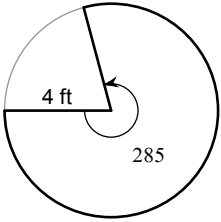
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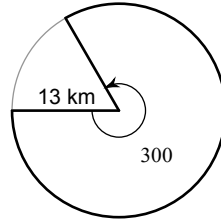
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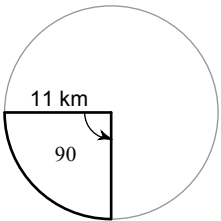
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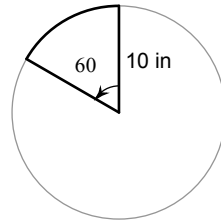
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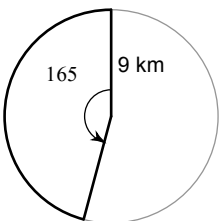
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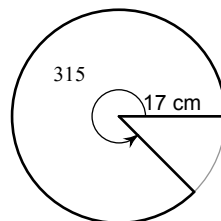
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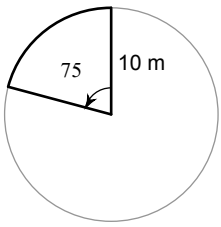
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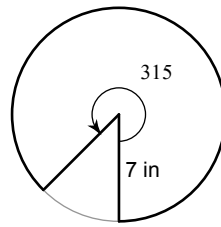
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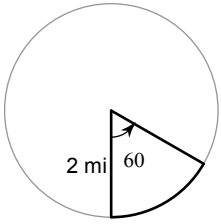
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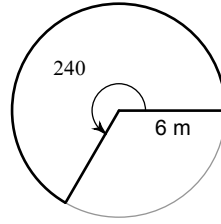
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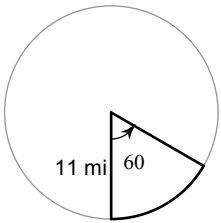
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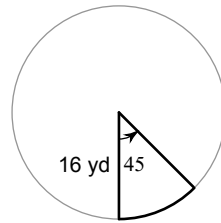
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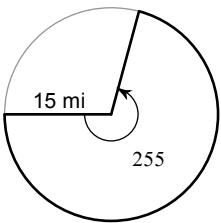
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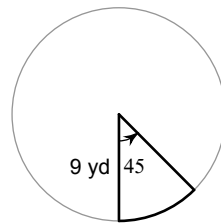
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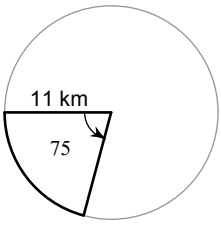
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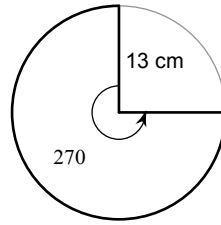
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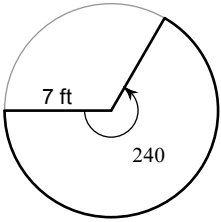
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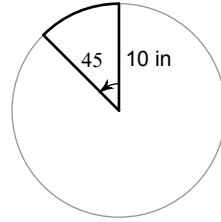
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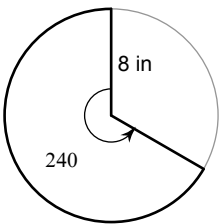
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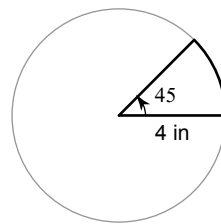
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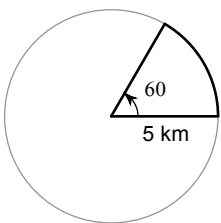
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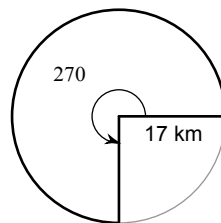
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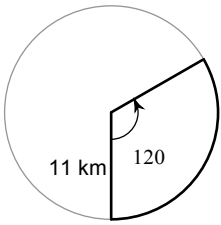
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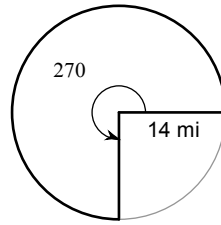
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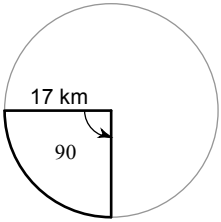
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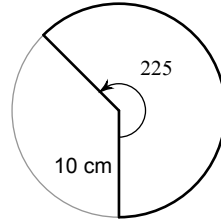
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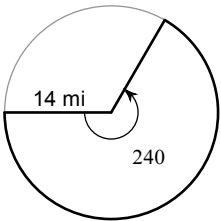
145)



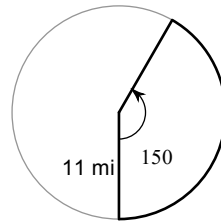
146)



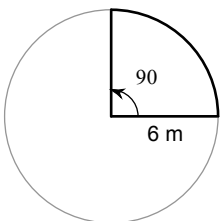
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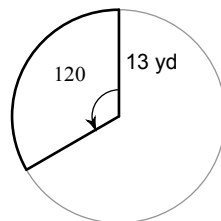
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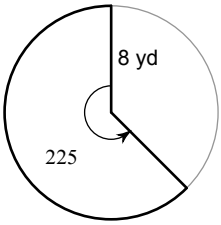
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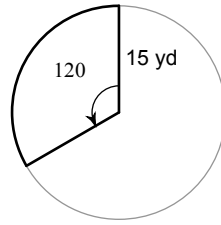
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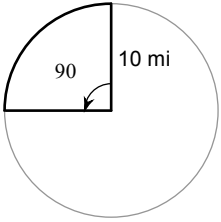
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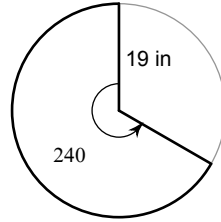
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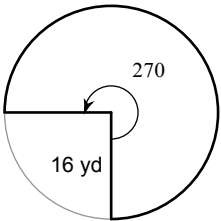
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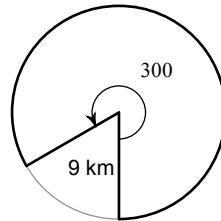
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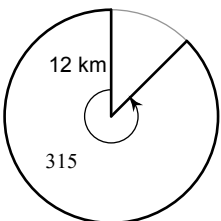
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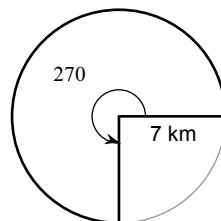
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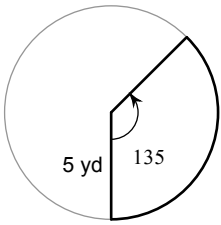
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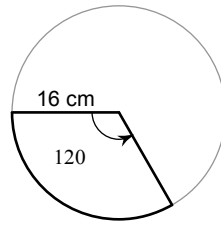
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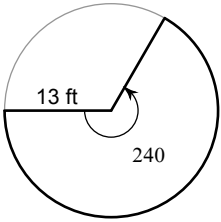
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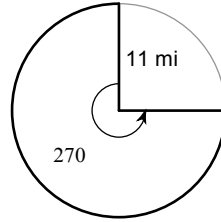
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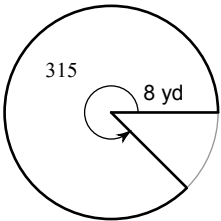
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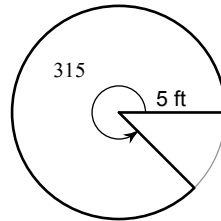
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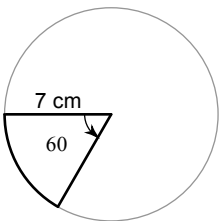
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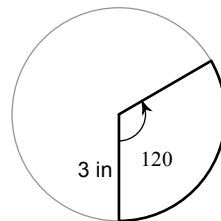
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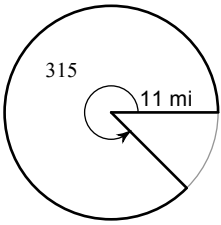
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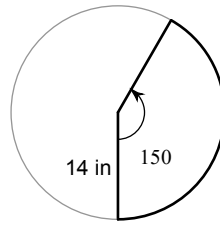
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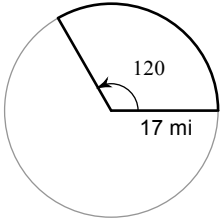
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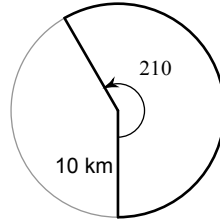
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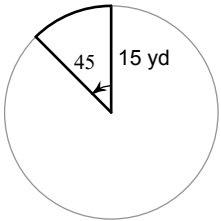
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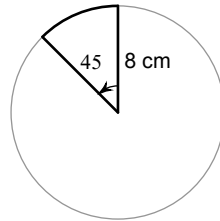
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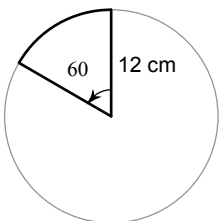
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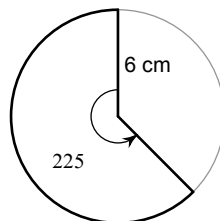
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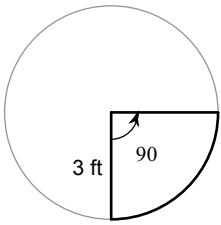
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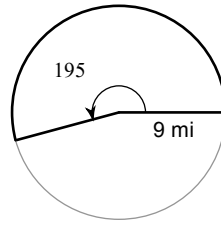
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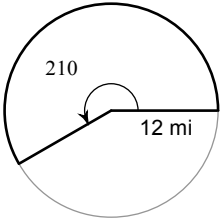
175)



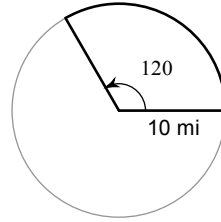
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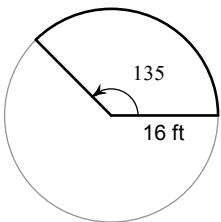
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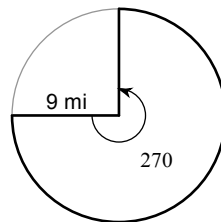
178)



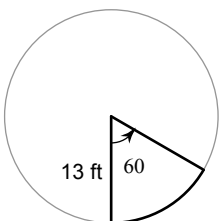
179)



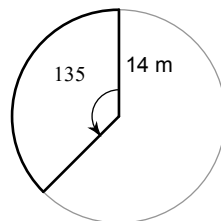
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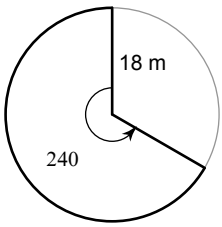
181)



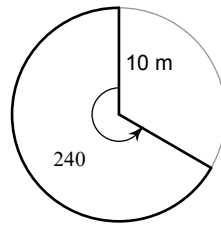
182)



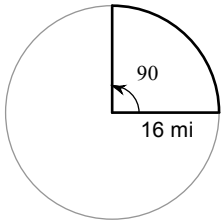
183)



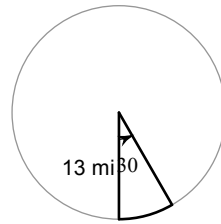
184)



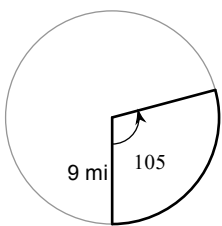
185)



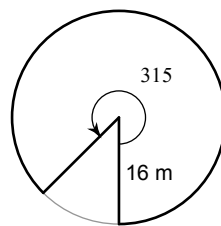
186)



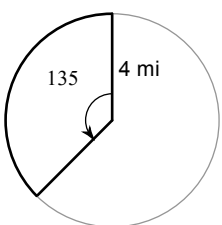
187)



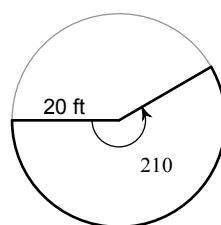
188)



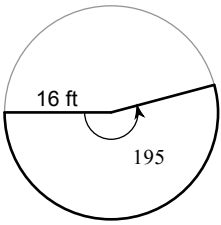
189)



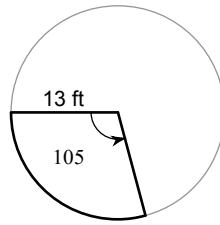
190)



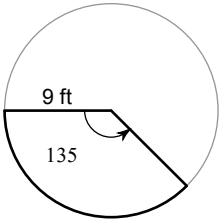
191)



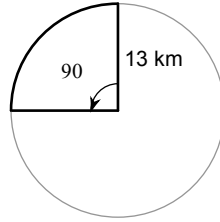
192)



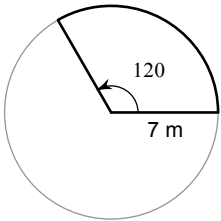
193)



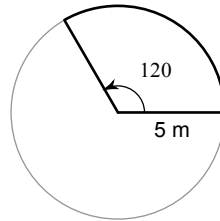
194)



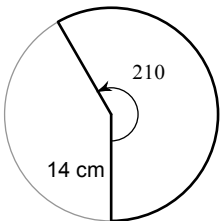
195)



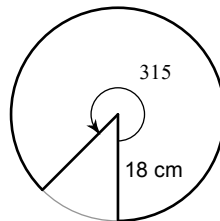
196)



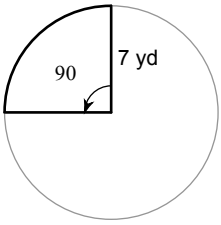
197)



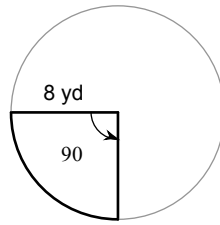
198)



199)



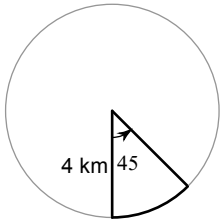
200)



Trigonometry - Sector area

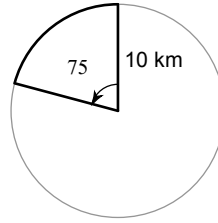
Find the sector area

1)



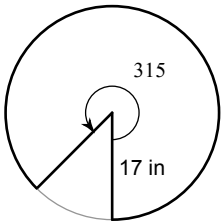
$$2\pi \text{ km}^2$$

2)



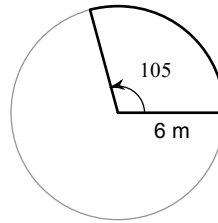
$$\frac{125\pi}{6} \text{ km}^2$$

3)



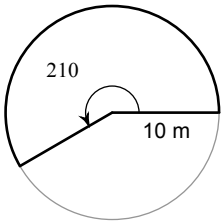
$$\frac{2023\pi}{8} \text{ in}^2$$

4)



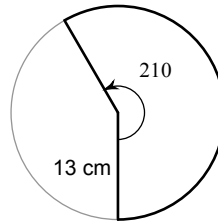
$$\frac{21\pi}{2} \text{ m}^2$$

5)



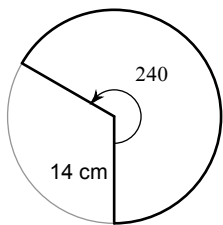
$$\frac{175\pi}{3} \text{ m}^2$$

6)



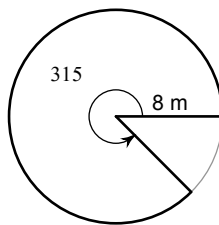
$$\frac{1183\pi}{12} \text{ cm}^2$$

7)



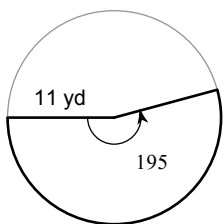
$$\frac{392\pi}{3} \text{ cm}^2$$

8)



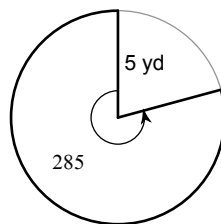
$$56\pi \text{ m}^2$$

9)



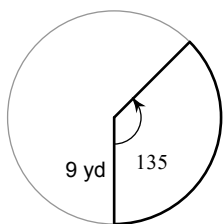
$$\frac{1573\pi}{24} \text{ yd}^2$$

10)



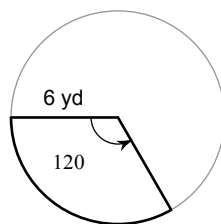
$$\frac{475\pi}{24} \text{ yd}^2$$

11)



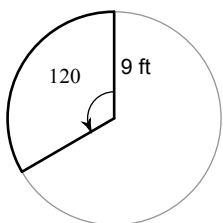
$$\frac{243\pi}{8} \text{ yd}^2$$

12)



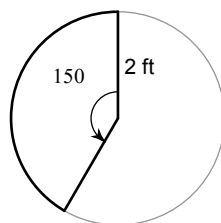
$$12\pi \text{ yd}^2$$

13)



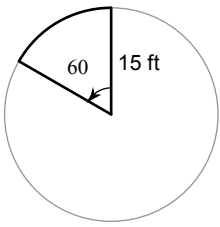
$$27\pi \text{ ft}^2$$

14)



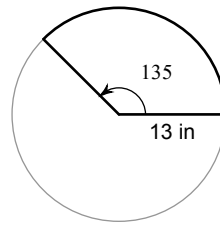
$$\frac{5\pi}{3} \text{ ft}^2$$

15)



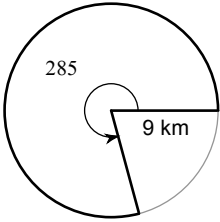
$$\frac{75\pi}{2} \text{ ft}^2$$

16)



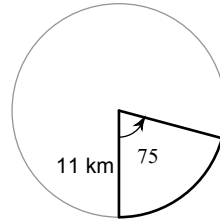
$$\frac{507\pi}{8} \text{ in}^2$$

17)



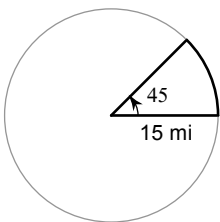
$$\frac{513\pi}{8} \text{ km}^2$$

18)



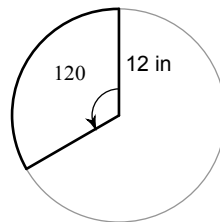
$$\frac{605\pi}{24} \text{ km}^2$$

19)



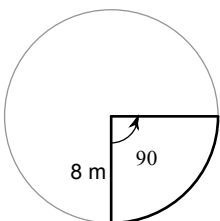
$$\frac{225\pi}{8} \text{ mi}^2$$

20)



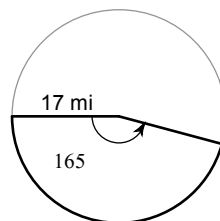
$$48\pi \text{ in}^2$$

21)



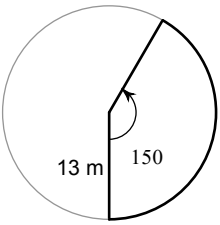
$$16\pi \text{ m}^2$$

22)



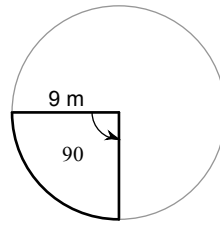
$$\frac{3179\pi}{24} \text{ mi}^2$$

23)



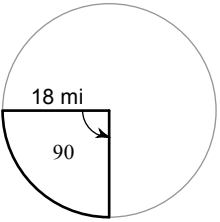
$$\frac{845\pi}{12} \text{ m}^2$$

24)



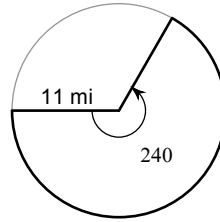
$$\frac{81\pi}{4} \text{ m}^2$$

25)



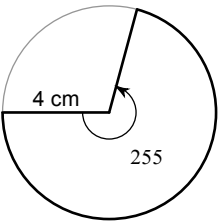
$$81\pi \text{ mi}^2$$

26)



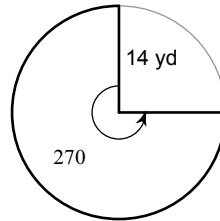
$$\frac{242\pi}{3} \text{ mi}^2$$

27)



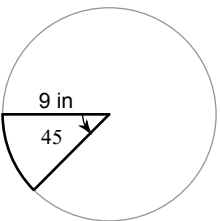
$$\frac{34\pi}{3} \text{ cm}^2$$

28)



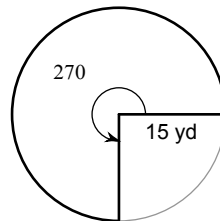
$$147\pi \text{ yd}^2$$

29)



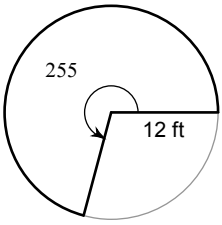
$$\frac{81\pi}{8} \text{ in}^2$$

30)



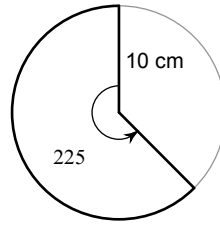
$$\frac{675\pi}{4} \text{ yd}^2$$

31)



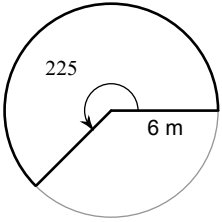
$$102\pi \text{ ft}^2$$

32)



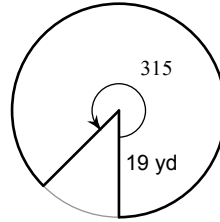
$$\frac{125\pi}{2} \text{ cm}^2$$

33)



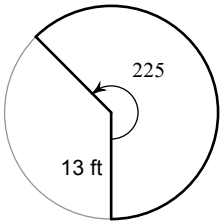
$$\frac{45\pi}{2} \text{ m}^2$$

34)



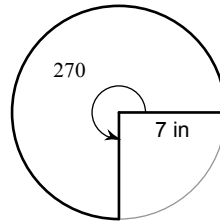
$$\frac{2527\pi}{8} \text{ yd}^2$$

35)



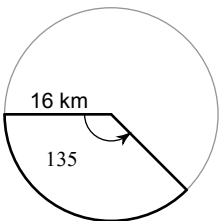
$$\frac{845\pi}{8} \text{ ft}^2$$

36)



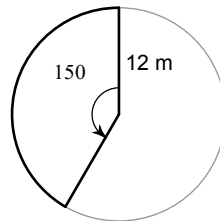
$$\frac{147\pi}{4} \text{ in}^2$$

37)



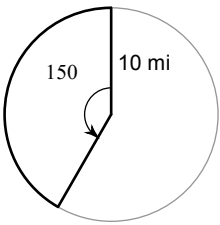
$$96\pi \text{ km}^2$$

38)



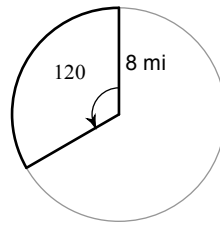
$$60\pi \text{ m}^2$$

39)



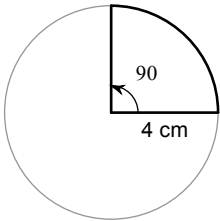
$$\frac{125\pi}{3} \text{ mi}^2$$

40)



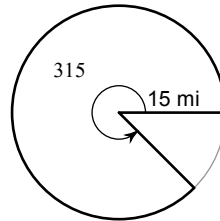
$$\frac{64\pi}{3} \text{ mi}^2$$

41)



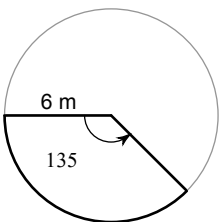
$$4\pi \text{ cm}^2$$

42)



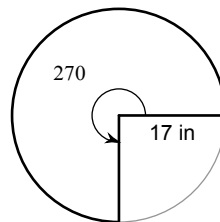
$$\frac{1575\pi}{8} \text{ mi}^2$$

43)



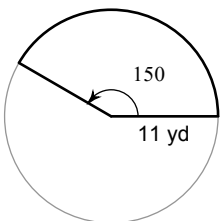
$$\frac{27\pi}{2} \text{ m}^2$$

44)



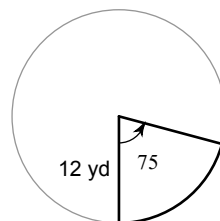
$$\frac{867\pi}{4} \text{ in}^2$$

45)



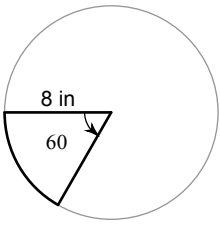
$$\frac{605\pi}{12} \text{ yd}^2$$

46)



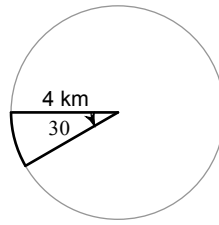
$$30\pi \text{ yd}^2$$

47)



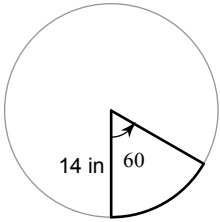
$$\frac{32\pi}{3} \text{ in}^2$$

48)



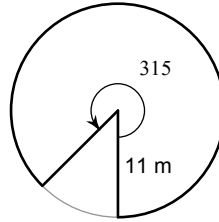
$$\frac{4\pi}{3} \text{ km}^2$$

49)



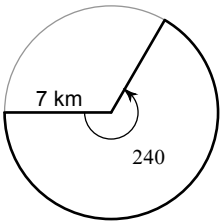
$$\frac{98\pi}{3} \text{ in}^2$$

50)



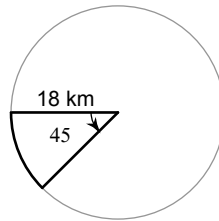
$$\frac{847\pi}{8} \text{ m}^2$$

51)



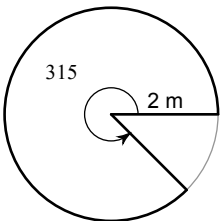
$$\frac{98\pi}{3} \text{ km}^2$$

52)



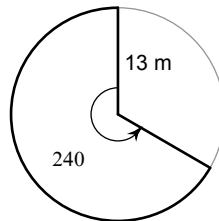
$$\frac{81\pi}{2} \text{ km}^2$$

53)



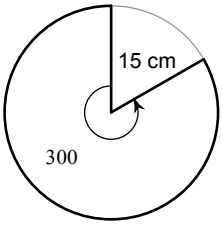
$$\frac{7\pi}{2} \text{ m}^2$$

54)



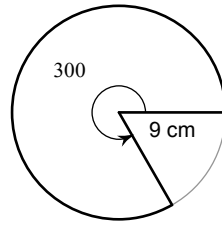
$$\frac{338\pi}{3} \text{ m}^2$$

55)



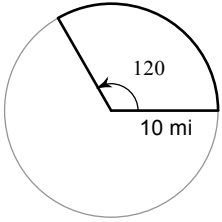
$$\frac{375\pi}{2} \text{ cm}^2$$

56)



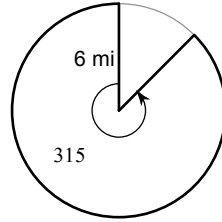
$$\frac{135\pi}{2} \text{ cm}^2$$

57)



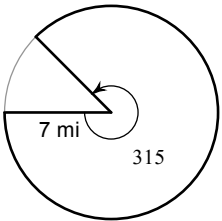
$$\frac{100\pi}{3} \text{ mi}^2$$

58)



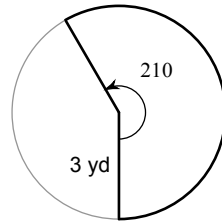
$$\frac{63\pi}{2} \text{ mi}^2$$

59)



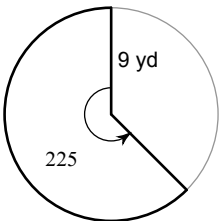
$$\frac{343\pi}{8} \text{ mi}^2$$

60)



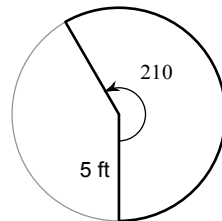
$$\frac{21\pi}{4} \text{ yd}^2$$

61)



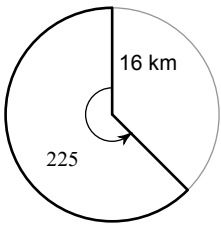
$$\frac{405\pi}{8} \text{ yd}^2$$

62)



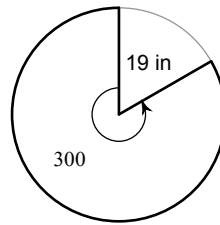
$$\frac{175\pi}{12} \text{ ft}^2$$

63)



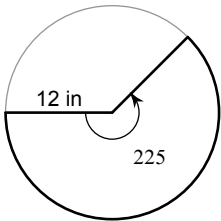
$$160\pi \text{ km}^2$$

64)



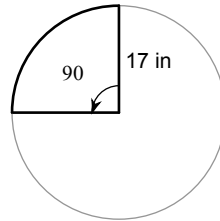
$$\frac{1805\pi}{6} \text{ in}^2$$

65)



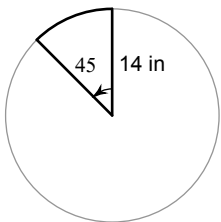
$$90\pi \text{ in}^2$$

66)



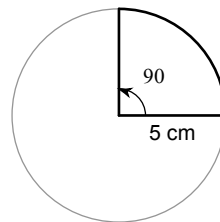
$$\frac{289\pi}{4} \text{ in}^2$$

67)



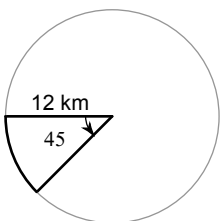
$$\frac{49\pi}{2} \text{ in}^2$$

68)



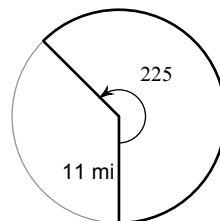
$$\frac{25\pi}{4} \text{ cm}^2$$

69)



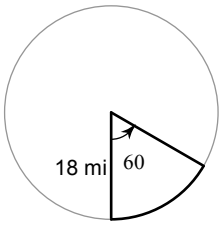
$$18\pi \text{ km}^2$$

70)



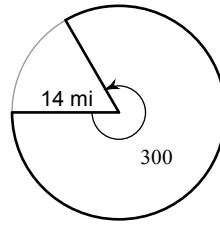
$$\frac{605\pi}{8} \text{ mi}^2$$

71)



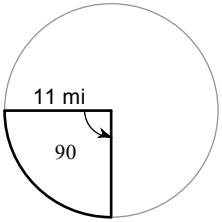
$$54\pi \text{ mi}^2$$

72)



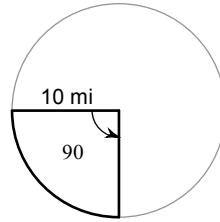
$$\frac{490\pi}{3} \text{ mi}^2$$

73)



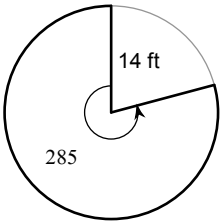
$$\frac{121\pi}{4} \text{ mi}^2$$

74)



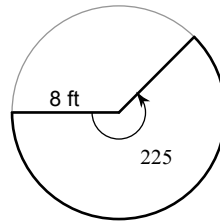
$$25\pi \text{ mi}^2$$

75)



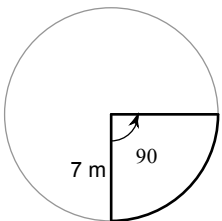
$$\frac{931\pi}{6} \text{ ft}^2$$

76)



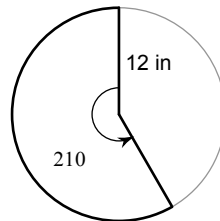
$$40\pi \text{ ft}^2$$

77)



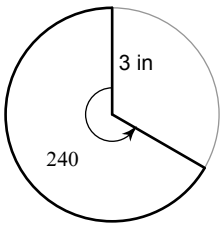
$$\frac{49\pi}{4} \text{ m}^2$$

78)



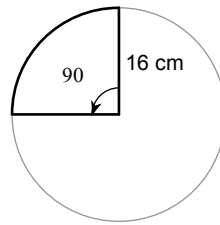
$$84\pi \text{ in}^2$$

79)



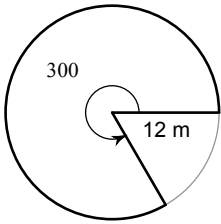
$$6\pi \text{ in}^2$$

80)



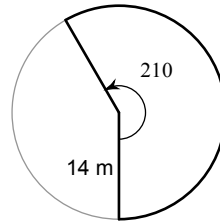
$$64\pi \text{ cm}^2$$

81)



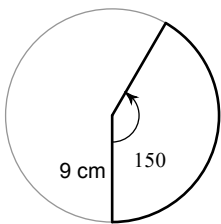
$$120\pi \text{ m}^2$$

82)



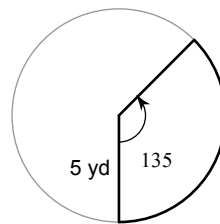
$$\frac{343\pi}{3} \text{ m}^2$$

83)



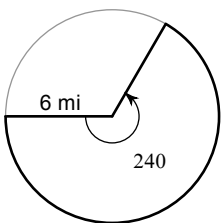
$$\frac{135\pi}{4} \text{ cm}^2$$

84)



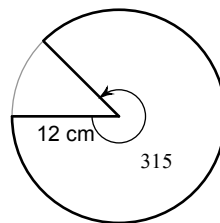
$$\frac{75\pi}{8} \text{ yd}^2$$

85)



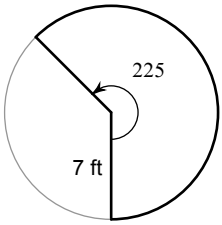
$$24\pi \text{ mi}^2$$

86)



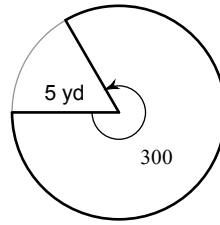
$$126\pi \text{ cm}^2$$

87)



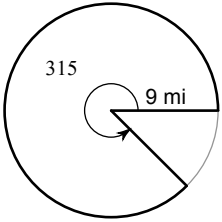
$$\frac{245\pi}{8} \text{ ft}^2$$

88)



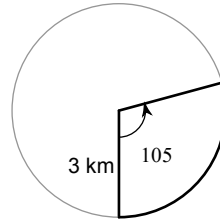
$$\frac{125\pi}{6} \text{ yd}^2$$

89)



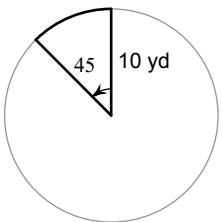
$$\frac{567\pi}{8} \text{ mi}^2$$

90)



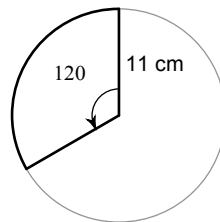
$$\frac{21\pi}{8} \text{ km}^2$$

91)



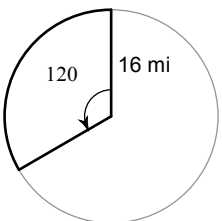
$$\frac{25\pi}{2} \text{ yd}^2$$

92)



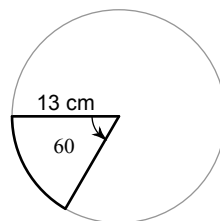
$$\frac{121\pi}{3} \text{ cm}^2$$

93)



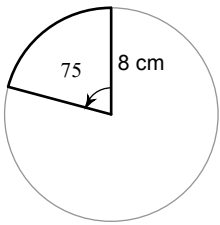
$$\frac{256\pi}{3} \text{ mi}^2$$

94)



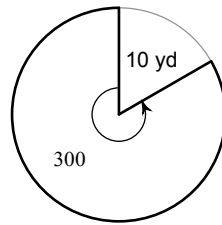
$$\frac{169\pi}{6} \text{ cm}^2$$

95)



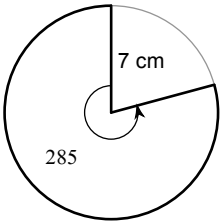
$$\frac{40\pi}{3} \text{ cm}^2$$

96)



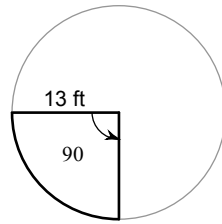
$$\frac{250\pi}{3} \text{ yd}^2$$

97)



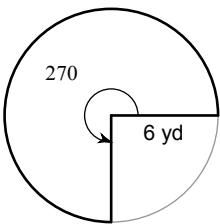
$$\frac{931\pi}{24} \text{ cm}^2$$

98)



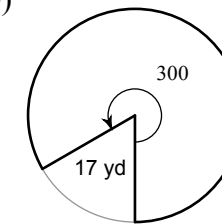
$$\frac{169\pi}{4} \text{ ft}^2$$

99)



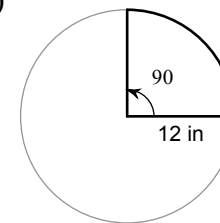
$$27\pi \text{ yd}^2$$

100)



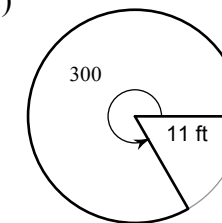
$$\frac{1445\pi}{6} \text{ yd}^2$$

101)



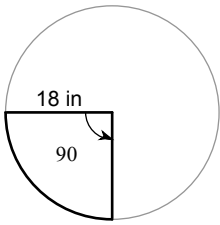
$$36\pi \text{ in}^2$$

102)



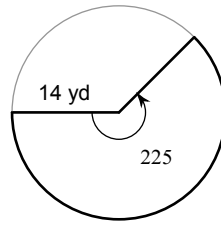
$$\frac{605\pi}{6} \text{ ft}^2$$

103)



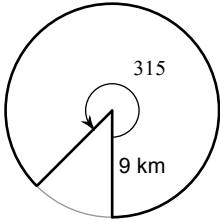
$$81\pi \text{ in}^2$$

104)



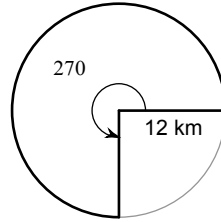
$$\frac{245\pi}{2} \text{ yd}^2$$

105)



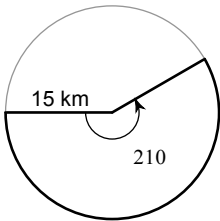
$$\frac{567\pi}{8} \text{ km}^2$$

106)



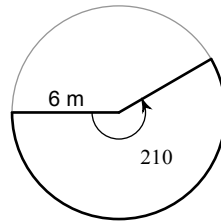
$$108\pi \text{ km}^2$$

107)



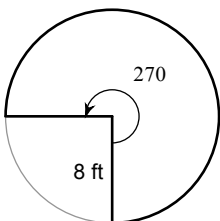
$$\frac{525\pi}{4} \text{ km}^2$$

108)



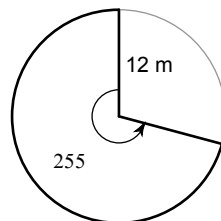
$$21\pi \text{ m}^2$$

109)



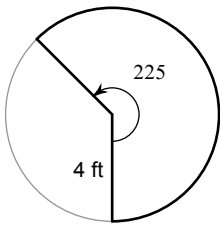
$$48\pi \text{ ft}^2$$

110)



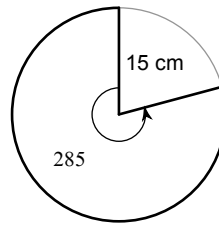
$$102\pi \text{ m}^2$$

111)



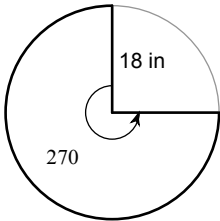
$$10\pi \text{ ft}^2$$

112)



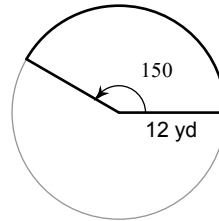
$$\frac{1425\pi}{8} \text{ cm}^2$$

113)



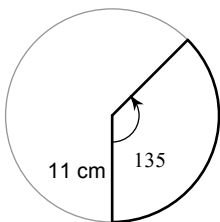
$$243\pi \text{ in}^2$$

114)



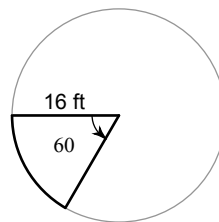
$$60\pi \text{ yd}^2$$

115)



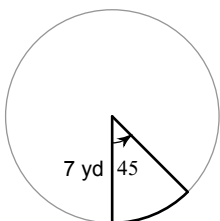
$$\frac{363\pi}{8} \text{ cm}^2$$

116)



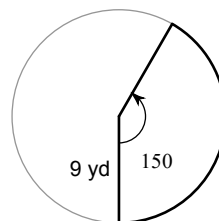
$$\frac{128\pi}{3} \text{ ft}^2$$

117)



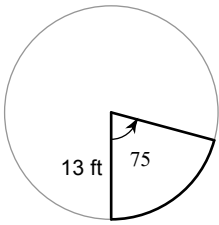
$$\frac{49\pi}{8} \text{ yd}^2$$

118)



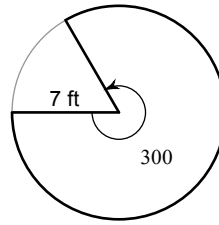
$$\frac{135\pi}{4} \text{ yd}^2$$

119)



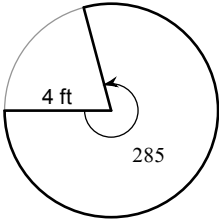
$$\frac{845\pi}{24} \text{ ft}^2$$

120)



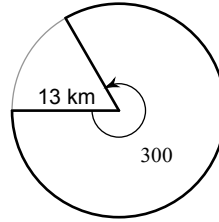
$$\frac{245\pi}{6} \text{ ft}^2$$

121)



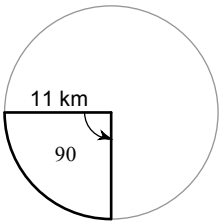
$$\frac{38\pi}{3} \text{ ft}^2$$

122)



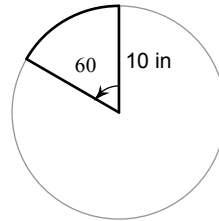
$$\frac{845\pi}{6} \text{ km}^2$$

123)



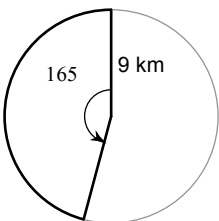
$$\frac{121\pi}{4} \text{ km}^2$$

124)



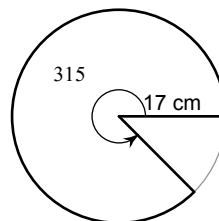
$$\frac{50\pi}{3} \text{ in}^2$$

125)



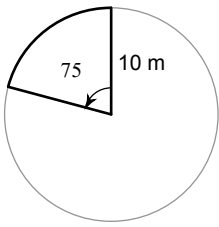
$$\frac{297\pi}{8} \text{ km}^2$$

126)



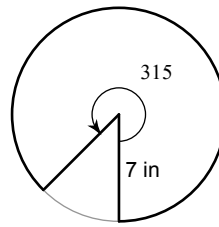
$$\frac{2023\pi}{8} \text{ cm}^2$$

127)



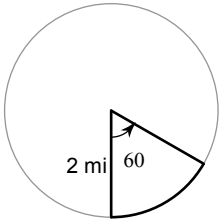
$$\frac{125\pi}{6} \text{ m}^2$$

128)



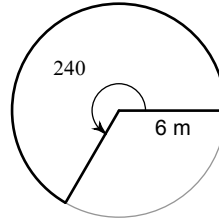
$$\frac{343\pi}{8} \text{ in}^2$$

129)



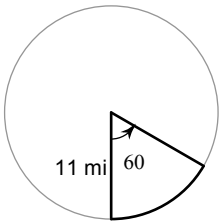
$$\frac{2\pi}{3} \text{ mi}^2$$

130)



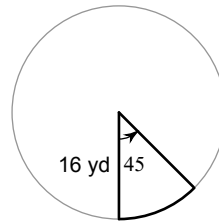
$$24\pi \text{ m}^2$$

131)



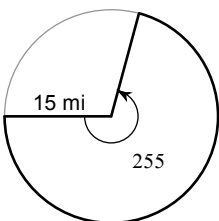
$$\frac{121\pi}{6} \text{ mi}^2$$

132)



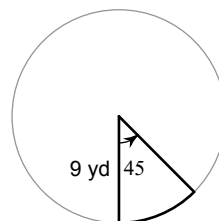
$$32\pi \text{ yd}^2$$

133)



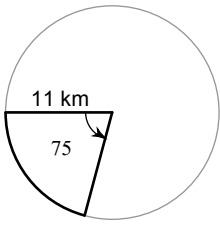
$$\frac{1275\pi}{8} \text{ mi}^2$$

134)



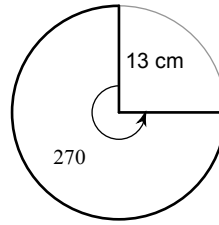
$$\frac{81\pi}{8} \text{ yd}^2$$

135)



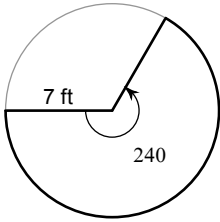
$$\frac{605\pi}{24} \text{ km}^2$$

136)



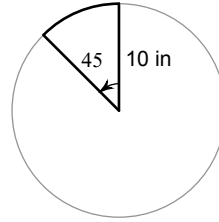
$$\frac{507\pi}{4} \text{ cm}^2$$

137)



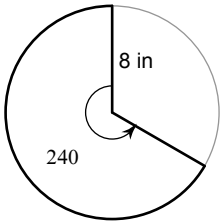
$$\frac{98\pi}{3} \text{ ft}^2$$

138)



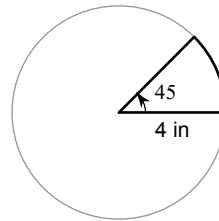
$$\frac{25\pi}{2} \text{ in}^2$$

139)



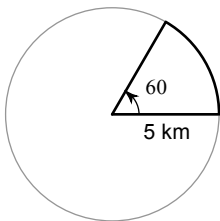
$$\frac{128\pi}{3} \text{ in}^2$$

140)



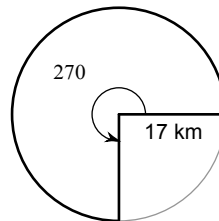
$$2\pi \text{ in}^2$$

141)



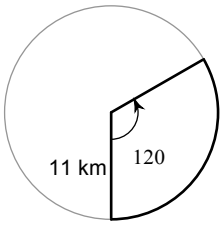
$$\frac{25\pi}{6} \text{ km}^2$$

142)



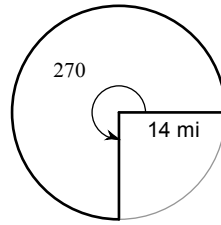
$$\frac{867\pi}{4} \text{ km}^2$$

143)



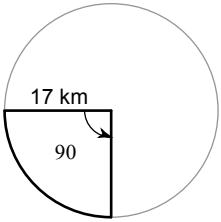
$$\frac{121\pi}{3} \text{ km}^2$$

144)



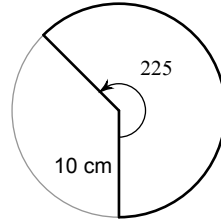
$$147\pi \text{ mi}^2$$

145)



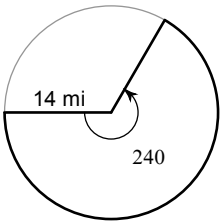
$$\frac{289\pi}{4} \text{ km}^2$$

146)



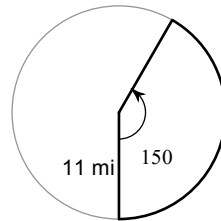
$$\frac{125\pi}{2} \text{ cm}^2$$

147)



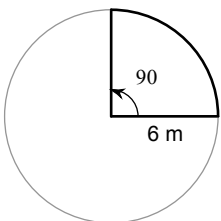
$$\frac{392\pi}{3} \text{ mi}^2$$

148)



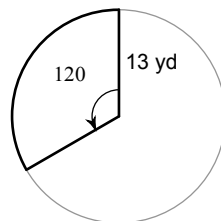
$$\frac{605\pi}{12} \text{ mi}^2$$

149)



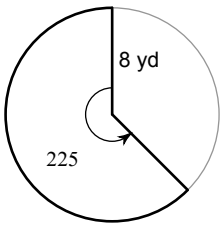
$$9\pi \text{ m}^2$$

150)



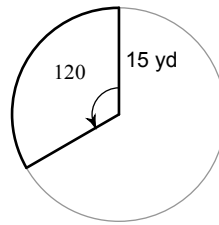
$$\frac{169\pi}{3} \text{ yd}^2$$

151)



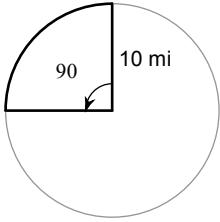
$$40\pi \text{ yd}^2$$

152)



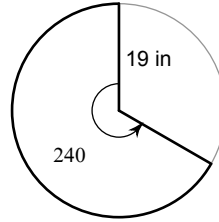
$$75\pi \text{ yd}^2$$

153)



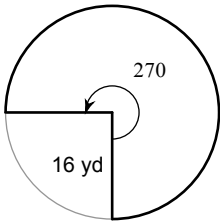
$$25\pi \text{ mi}^2$$

154)



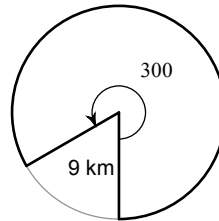
$$\frac{722\pi}{3} \text{ in}^2$$

155)



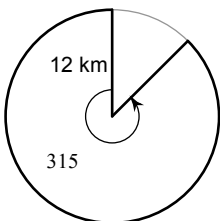
$$192\pi \text{ yd}^2$$

156)



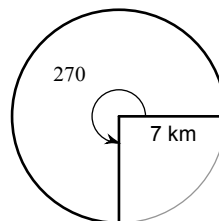
$$\frac{135\pi}{2} \text{ km}^2$$

157)



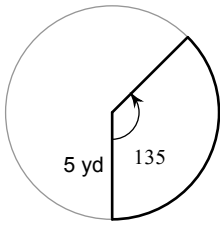
$$126\pi \text{ km}^2$$

158)



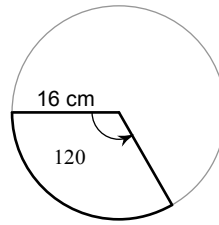
$$\frac{147\pi}{4} \text{ km}^2$$

159)



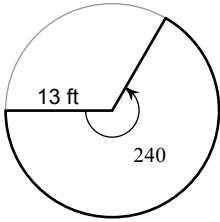
$$\frac{75\pi}{8} \text{ yd}^2$$

160)



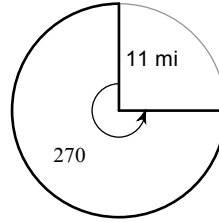
$$\frac{256\pi}{3} \text{ cm}^2$$

161)



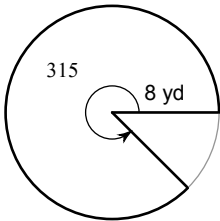
$$\frac{338\pi}{3} \text{ ft}^2$$

162)



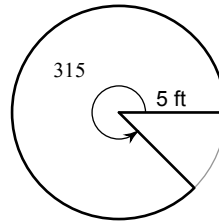
$$\frac{363\pi}{4} \text{ mi}^2$$

163)



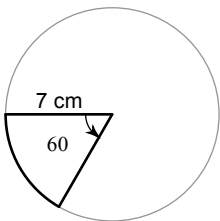
$$56\pi \text{ yd}^2$$

164)



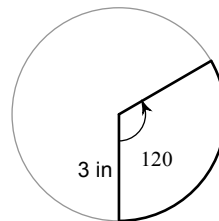
$$\frac{175\pi}{8} \text{ ft}^2$$

165)



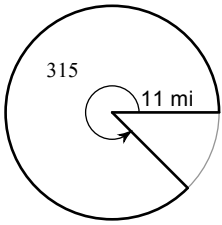
$$\frac{49\pi}{6} \text{ cm}^2$$

166)



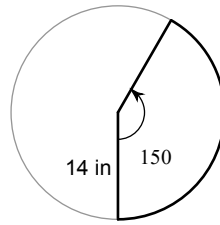
$$3\pi \text{ in}^2$$

167)



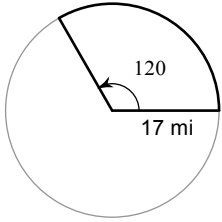
$$\frac{847\pi}{8} \text{ mi}^2$$

168)



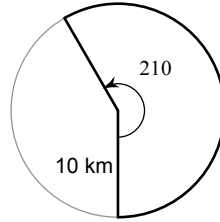
$$\frac{245\pi}{3} \text{ in}^2$$

169)



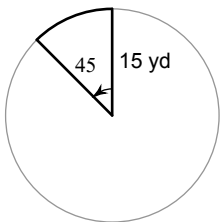
$$\frac{289\pi}{3} \text{ mi}^2$$

170)



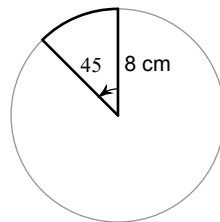
$$\frac{175\pi}{3} \text{ km}^2$$

171)



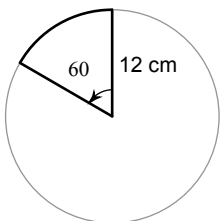
$$\frac{225\pi}{8} \text{ yd}^2$$

172)



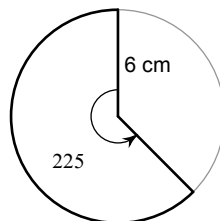
$$8\pi \text{ cm}^2$$

173)



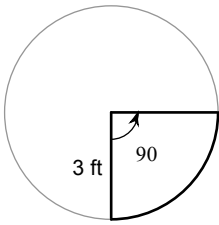
$$24\pi \text{ cm}^2$$

174)



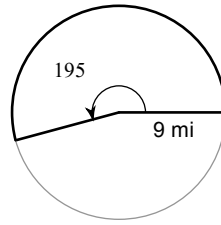
$$\frac{45\pi}{2} \text{ cm}^2$$

175)



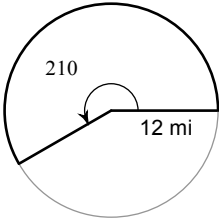
$$\frac{9\pi}{4} \text{ ft}^2$$

176)



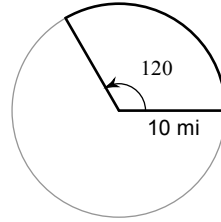
$$\frac{351\pi}{8} \text{ mi}^2$$

177)



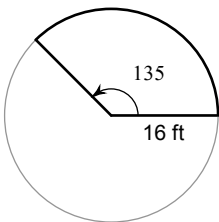
$$84\pi \text{ mi}^2$$

178)



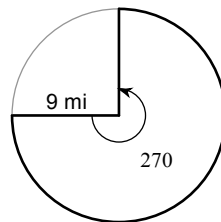
$$\frac{100\pi}{3} \text{ mi}^2$$

179)



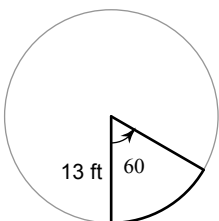
$$96\pi \text{ ft}^2$$

180)



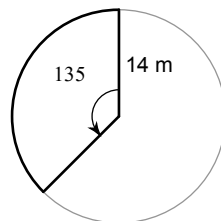
$$\frac{243\pi}{4} \text{ mi}^2$$

181)



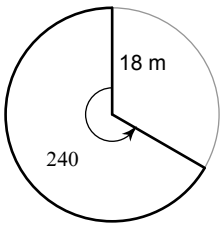
$$\frac{169\pi}{6} \text{ ft}^2$$

182)



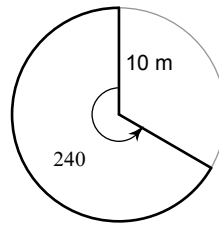
$$\frac{147\pi}{2} \text{ m}^2$$

183)



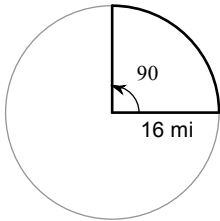
$$216\pi \text{ m}^2$$

184)



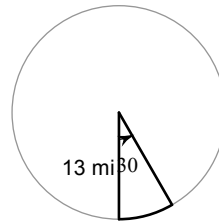
$$\frac{200\pi}{3} \text{ m}^2$$

185)



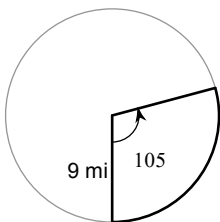
$$64\pi \text{ mi}^2$$

186)



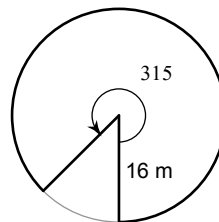
$$\frac{169\pi}{12} \text{ mi}^2$$

187)



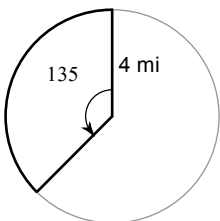
$$\frac{189\pi}{8} \text{ mi}^2$$

188)



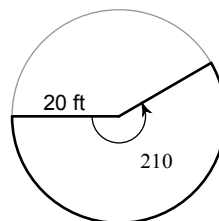
$$224\pi \text{ m}^2$$

189)



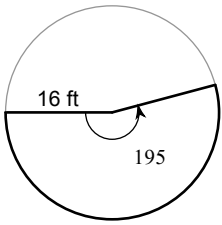
$$6\pi \text{ mi}^2$$

190)



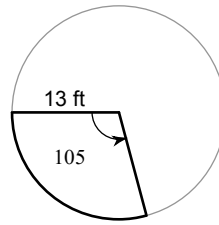
$$\frac{700\pi}{3} \text{ ft}^2$$

191)



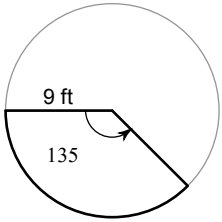
$$\frac{416\pi}{3} \text{ ft}^2$$

192)



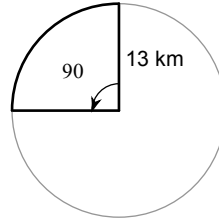
$$\frac{1183\pi}{24} \text{ ft}^2$$

193)



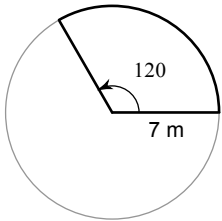
$$\frac{243\pi}{8} \text{ ft}^2$$

194)



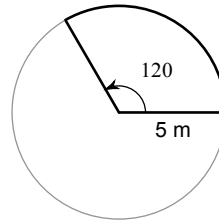
$$\frac{169\pi}{4} \text{ km}^2$$

195)



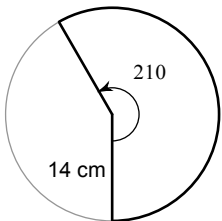
$$\frac{49\pi}{3} \text{ m}^2$$

196)



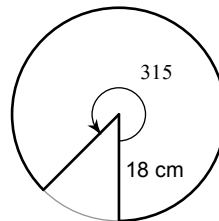
$$\frac{25\pi}{3} \text{ m}^2$$

197)



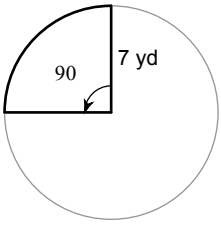
$$\frac{343\pi}{3} \text{ cm}^2$$

198)



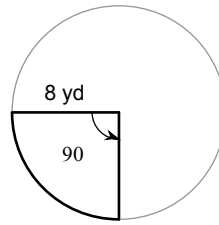
$$\frac{567\pi}{2} \text{ cm}^2$$

199)



$$\frac{49\pi}{4} \text{ yd}^2$$

200)



$$16\pi \text{ yd}^2$$