

Section 6.1

18. ^a $85^{\circ} 56' 37''$

30. ^a 8.59 km

32. (a) ^a 18.85 cm

(b) ^a 84.82 cm^2

34. (a) 1.8 radians, 103.13°

(b) 360 in.^2

36. (a) 132 cm

(b) 3960 cm^2

38. ^a 1.16 miles

44. (a) 4800π radians/minute

(b) 3600π feet/minute

46. ^a 916.73 rpm