

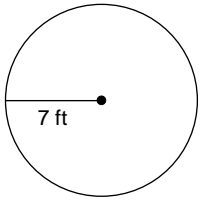
Steve Blades Worksheet

© 2010 Kuta Software LLC. All rights reserved.

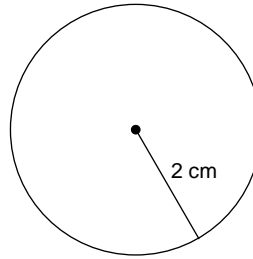
Date _____

Find the area of each.

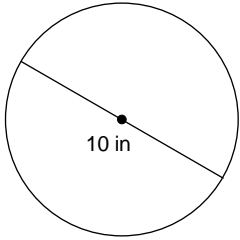
1)



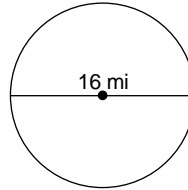
2)



3)



4)



5) radius = 2 km

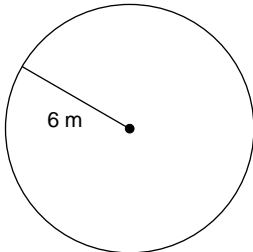
6) radius = 6 mi

7) diameter = 18 m

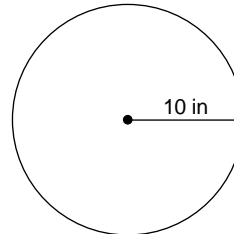
8) diameter = 6 ft

Find the circumference of each circle.

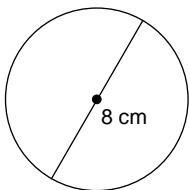
9)



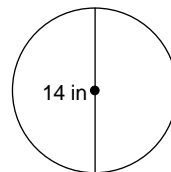
10)



11)



12)



13) radius = 2 yd

14) radius = 5 km

15) diameter = 4 m

16) diameter = 16 yd

17) area = 36π ft²18) area = 81π cm²

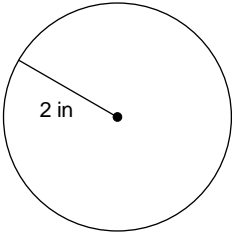
Find the area of each.

19) circumference = 6π in

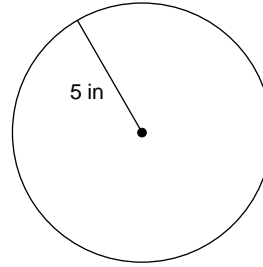
20) circumference = 12π mi

Find the area of each. Use your calculator's value of π . Round your answer to the nearest tenth.

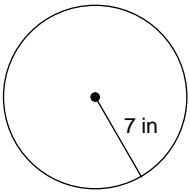
21)



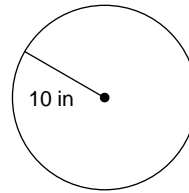
22)



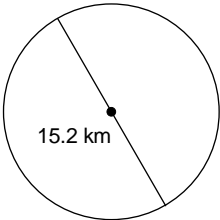
23)



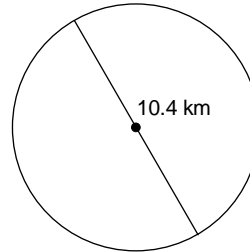
24)



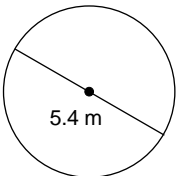
25)



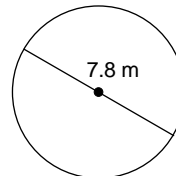
26)



27)



28)



29) radius = 9.6 m

30) radius = 7.1 cm

31) radius = 8.4 cm

32) radius = 5.9 mi

33) diameter = 7 mi

34) diameter = 9.4 mi

35) diameter = 4.4 mi

36) diameter = 15.8 yd

37) circumference = 62.8 yd

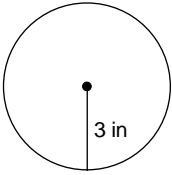
38) circumference = 25.1 ft

39) circumference = 37.7 ft

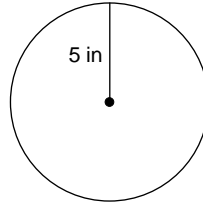
40) circumference = 56.5 ft

Find the circumference of each circle. Use your calculator's value of π . Round your answer to the nearest tenth.

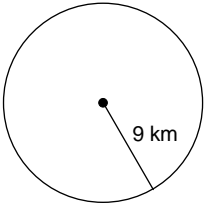
41)



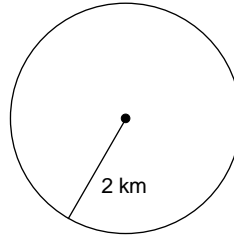
42)



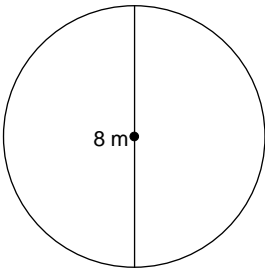
43)



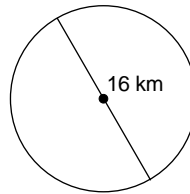
44)



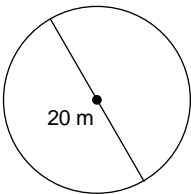
45)



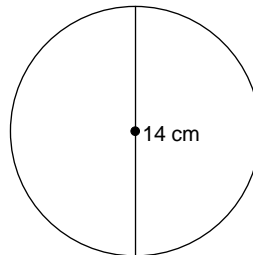
46)



47)



48)



49) radius = 9 cm

50) radius = 3 mi

51) radius = 6 mi

52) radius = 2 yd

53) diameter = 15.2 yd

54) diameter = 17.8 ft

55) diameter = 12.8 ft

56) diameter = 8 ft

57) area = 84.9 ft²

58) area = 22.9 in²

59) area = 221.7 in²

60) area = 289.5 km²

Find the radius of each circle. Round your answer to the nearest tenth.

61) diameter = 14.4 m

62) diameter = 9.4 km

Find the radius of each circle. Use your calculator's value of π . Round your answer to the nearest tenth.

63) circumference = 37.7 m

64) circumference = 22 m

65) area = 260.2 cm²

66) area = 78.5 cm²

Find the diameter of each circle. Round your answer to the nearest tenth.

67) radius = 7 cm

68) radius = 10 cm

Find the diameter of each circle. Use your calculator's value of π . Round your answer to the nearest tenth.

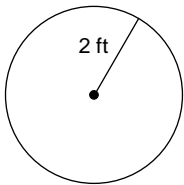
69) circumference = 25.1 mi

70) circumference = 37.7 mi

71) area = 254.5 yd²

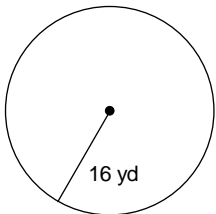
Find the area of each. Use your calculator's value of π . Round your answer to the nearest tenth.

72)



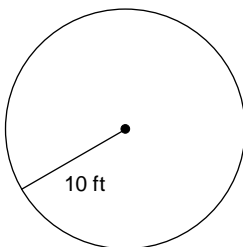
Find the circumference of each circle. Use your calculator's value of π . Round your answer to the nearest tenth.

73)

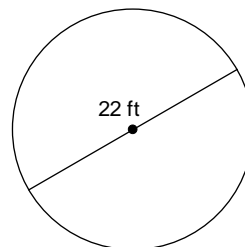


Find the area of each. Use 3.14 for the value of π . Round your answer to the nearest tenth.

74)



75)



Answers to Steve Blades Worksheet

- | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| 1) $49\pi \text{ ft}^2$ | 2) $4\pi \text{ cm}^2$ | 3) $25\pi \text{ in}^2$ | 4) $64\pi \text{ mi}^2$ |
| 5) $4\pi \text{ km}^2$ | 6) $36\pi \text{ mi}^2$ | 7) $81\pi \text{ m}^2$ | 8) $9\pi \text{ ft}^2$ |
| 9) $12\pi \text{ m}$ | 10) $20\pi \text{ in}$ | 11) $8\pi \text{ cm}$ | 12) $14\pi \text{ in}$ |
| 13) $4\pi \text{ yd}$ | 14) $10\pi \text{ km}$ | 15) $4\pi \text{ m}$ | 16) $16\pi \text{ yd}$ |
| 17) $12\pi \text{ ft}$ | 18) $18\pi \text{ cm}$ | 19) $9\pi \text{ in}^2$ | 20) $36\pi \text{ mi}^2$ |
| 21) 12.6 in^2 | 22) 78.5 in^2 | 23) 153.9 in^2 | 24) 314.2 in^2 |
| 25) 181.5 km^2 | 26) 84.9 km^2 | 27) 22.9 m^2 | 28) 47.8 m^2 |
| 29) 289.5 m^2 | 30) 158.4 cm^2 | 31) 221.7 cm^2 | 32) 109.4 mi^2 |
| 33) 38.5 mi^2 | 34) 69.4 mi^2 | 35) 15.2 mi^2 | 36) 196.1 yd^2 |
| 37) 313.8 yd^2 | 38) 50.1 ft^2 | 39) 113.1 ft^2 | 40) 254 ft^2 |
| 41) 18.8 in | 42) 31.4 in | 43) 56.5 km | 44) 12.6 km |
| 45) 25.1 m | 46) 50.3 km | 47) 62.8 m | 48) 44 cm |
| 49) 56.5 cm | 50) 18.8 mi | 51) 37.7 mi | 52) 12.6 yd |
| 53) 47.8 yd | 54) 55.9 ft | 55) 40.2 ft | 56) 25.1 ft |
| 57) 32.7 ft | 58) 17 in | 59) 52.8 in | 60) 60.3 km |
| 61) 7.2 m | 62) 4.7 km | 63) 6 m | 64) 3.5 m |
| 65) 9.1 cm | 66) 5 cm | 67) 14 cm | 68) 20 cm |
| 69) 8 mi | 70) 12 mi | 71) 18 yd | 72) 12.6 ft^2 |
| 73) 100.5 yd | 74) 314 ft^2 | 75) 379.9 ft^2 | |