Name_____ ID: 1

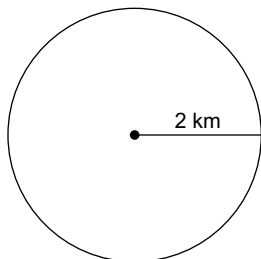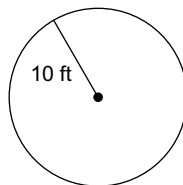# Area of Circles

Find the area of each. Use 3.14 for the value of π. Round your answer to the nearest tenth.
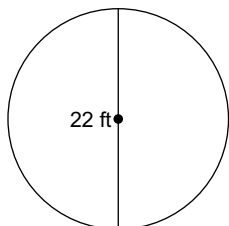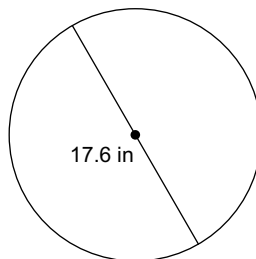
1)

2 km

2)

10 ft

3)

22 ft

4)

17.6 in

5) circumference = 75.4 ft

6) circumference = 20.1 km

7) circumference = 71 yd

8) circumference = 56.5 in

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

9) area = 109.3 ft²

10) area = 153.9 cm²

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

11) area = 136.8 cm²

12) area = 105.6 yd²

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

13) area = 314 mi²

14) area = 50.2 cm²

Find the area of each. Use 3.14 for the value of π. Round your answer to the nearest tenth.
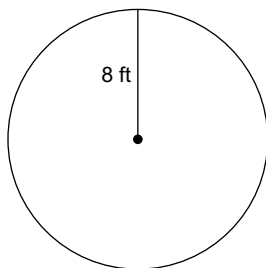
15) circumference = 12.6 yd

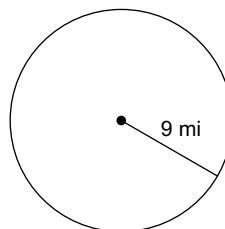16) circumference = 31.4 m

17) circumference = 44 mi

18) circumference = 32.7 km

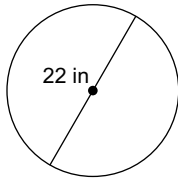**Find the circumference of each circle. Use 3.14 for the value of π. Round your answer to the nearest tenth.**
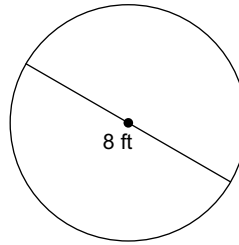
19)

8 ft

20)

9 mi

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

21)

22 in

22)

8 ft

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

23) area = 72.3 yd²

24) area = 191 yd²

Answers to Area of Circles (ID: 1)

1) 12.6 km² 2) 314 ft² 3) 379.9 ft² 4) 243.2 in²
5) 452.6 ft² 6) 32.2 km² 7) 401.4 yd² 8) 254.2 in²
9) 37.1 ft 10) 44 cm 11) 13.2 cm 12) 11.6 yd
13) 10 mi 14) 4 cm 15) 12.6 yd² 16) 78.5 m²
17) 154.1 mi² 18) 85.1 km² 19) 50.2 ft 20) 56.5 mi
21) 379.9 in² 22) 50.2 ft² 23) 30.1 yd 24) 49 yd