

Circles #4b: Area and Circumference

Date_____ Period____

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

1) area = 88.2 yd²

2) area = 81.7 yd²

3) area = 387.1 yd²

4) area = 149.6 mi²

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

5) circumference = 75.4 in

6) circumference = 50.3 in

7) circumference = 69.1 km

8) circumference = 44 in

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

9) circumference = 65.3 m

10) circumference = 18.8 km

11) circumference = 25.1 km

12) circumference = 28.9 m

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

13) area = 153.9 mi²

14) area = 243.3 cm²

15) area = 24.6 cm²

16) area = 237.8 m²