You must SHOW ALL OF YOUR WORK (setup) for credit!!

Calculate the *EXACT* radius of each circle.

1) area = 81π yd²

2) area = 9π mi²

Calculate the *EXACT* diameter of each circle.

3) area = 100π cm²

4) area = 49π in²

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

5) area = 254.3 ft²

6) area = 339.6 yd²

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

7) area = 176.6 km²

8) area = 113 cm²

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

9) circumference = 25.1 m

10) circumference = 12.6 mi

Find the diameter of each circle.

Exact

11) circumference = 24π yd

12) circumference = 20π yd