

# Lesson 1 Homework Practice

## Circumference

Find the radius or diameter of each circle with the given dimensions.

1.  $d = 18$  in.

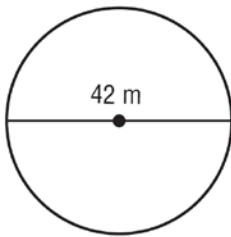
2.  $d = 29$  m

3.  $r = 21$  ft

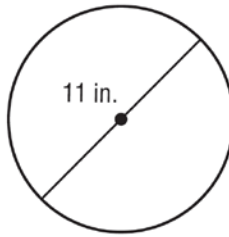
4.  $r = 13$  mm

Find the circumference of each circle. Use 3.14 or  $\frac{22}{7}$  for  $\pi$ . Round to the nearest tenth if necessary.

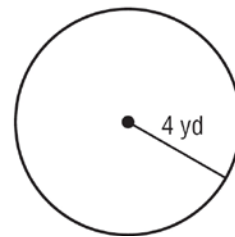
5.



6.



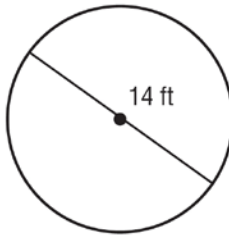
7.



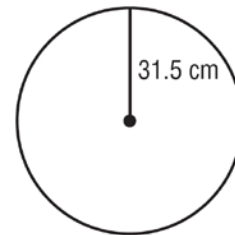
8.



9.



10.



11.  $r = 42$  cm

12.  $r = 15$  yd

13.  $d = 31$  m

14. a tire with a radius of 22 centimeters

15. a helicopter pad with a diameter of 15 yards

16. **PLANTS** The world's largest flower, the Giant Rafflesia, is 91 centimeters in diameter. Use a calculator to find the circumference of a Giant Rafflesia to the nearest tenth.

17. **GEOLOGY** Ubehebe Crater in Death Valley has a diameter of a little more than  $\frac{1}{2}$  mile. If Latisha walks around its rim at a rate of 2 miles per hour, about how long will it take her to walk all the way around the crater? Find your answer to the nearest tenth. Use 3.14 for  $\pi$ .