Practice 1-7

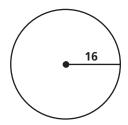
Perimeter, Circumference, and Area

Find the area of each rectangle with the given base and height.

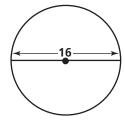
1. base: 3 ft height: 22 in. **2.** base: 60 in. height: 1.5 yd **3.** base: 2 m height: 120 cm

Find the circumference of each circle in terms of π .

4.



5.



6.



Find the perimeter and area of each rectangle with the given base and height.

7.
$$b = 7 \text{ cm}, h = 6 \text{ cm}$$

8.
$$b = 21 \text{ cm}, h = 2 \text{ cm}$$

9.
$$b = 4$$
 in., $h = 10.5$ in.

10.
$$b = 17 \text{ ft}, h = 3 \text{ ft}$$

11.
$$b = 11 \text{ m}, h = 9 \text{ m}$$

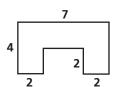
12.
$$b = 13 \text{ m}, h = 7 \text{ m}$$

Find the perimeter and area of each figure. All angles in the figures are right angles.

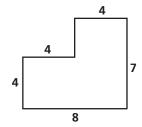
13.



14.



15.

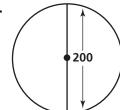


Find the area of each circle in terms of π .

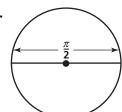
16.



17.



18.



- **19.** Find the area and perimeter of rectangle ABCD with vertices A(3,7), B(9,7), C(9,-1), and D(3,-1).
- **20.** Find the perimeter of $\triangle PQR$ with vertices P(-2, 9), Q(7, -3), and R(-2, -3).
- **21.** The circumference of a circle is 26π . Find the diameter and the radius.