

Practice 1-7

Perimeter, Circumference, and Area

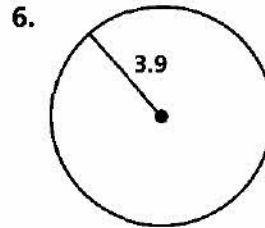
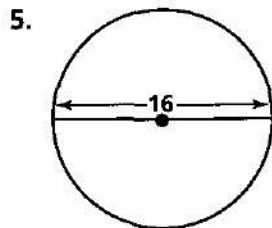
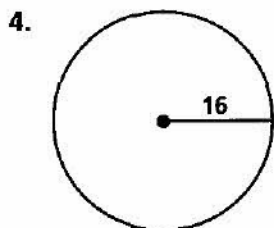
Find the area of each rectangle with the given base and height.

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 .



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

7. $b = 7$ cm, $h = 6$ cm

8. $b = 21$ cm, $h = 2$ cm

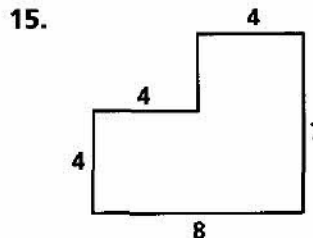
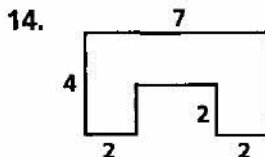
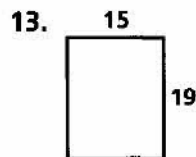
9. $b = 4$ in., $h = 10.5$ in.

10. $b = 17$ ft, $h = 3$ ft

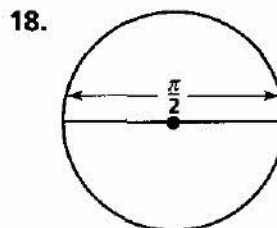
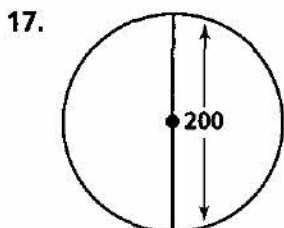
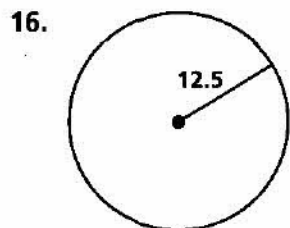
11. $b = 11$ m, $h = 9$ m

12. $b = 13$ m, $h = 7$ m

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



Find the area of each circle in terms of π .



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.