

Practice 1-8.....**The Coordinate Plane**

Find the distance between the points to the nearest tenth.

6. $L(-4, 11), M(-3, 4)$

7. $N(1, 0), P(3, 8)$

11. $W(2, 7), X(1, 2)$

Find the coordinates of the midpoint of each segment. The coordinates of the endpoints are given.

12. $A(6, 7), B(4, 3)$

13. $C(-1, 5), D(2, -3)$

14. $E(14, -2), F(7, -8)$

15. $O(0, 0), G(-5, 12)$

18. The midpoint of \overline{AB} is $(1, 2)$. The coordinates of A are $(-3, 6)$. Find the coordinates of B .

19. The midpoint of \overline{CD} is $(4, 11)$. The coordinates of D are $(4, 12)$. Find the coordinates of C .

20. The midpoint of \overline{EF} is $(-3, 7)$. The coordinates of E are $(-3, 10)$. Find the coordinates of F .

Practice 1-9.....**Perimeter, Circumference, and Area**

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

1. base: 3 ft

height: 22 in.

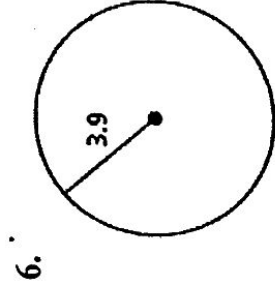
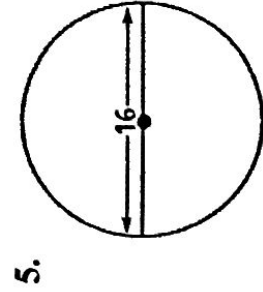
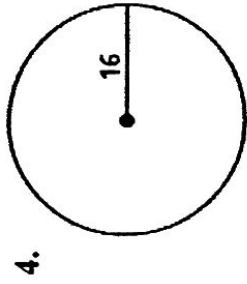
2. base: 60 in.

height: 1.5 yd

3. base: 2 m

height: 120 cm

Find the circumference of each circle in terms of π .



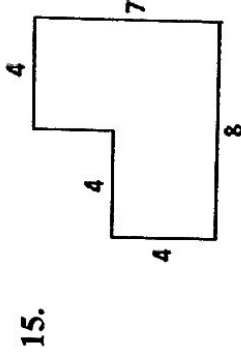
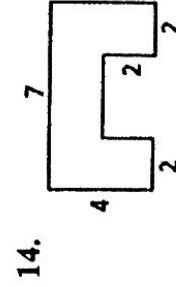
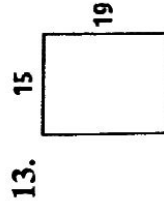
Find the perimeter and area of each rectangle with the given base and height.

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

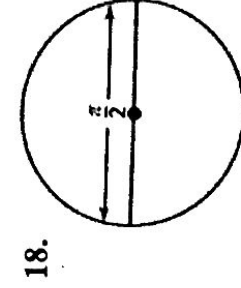
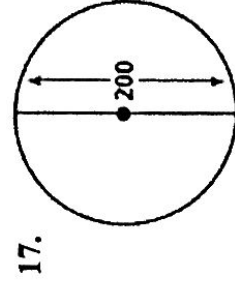
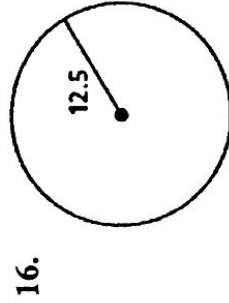
8. $b = 21$ cm, $h = 2$ cm

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

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 .



21. The circumference of a circle is 26π . Find the diameter and the radius.