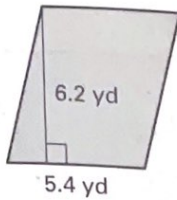


Practice

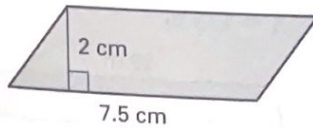
For use with pages 521-526

Find the area of the parallelogram.

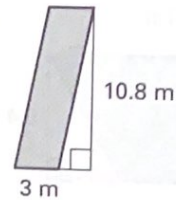
1.



2.

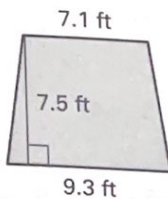


3.

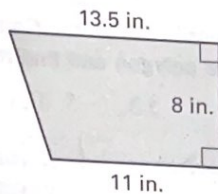


Find the area of the trapezoid.

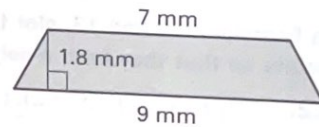
4.



5.



6.



7. The base of a parallelogram is 28.4 centimeters. The height is one fourth of the base. Find the area of the parallelogram.

8. The height of a trapezoid is 13 yards. One of the bases is 2.5 times the height, and the other base is two times the height. Find the area of the trapezoid.

LESSON
10.3
Continued

Name _____ Date _____

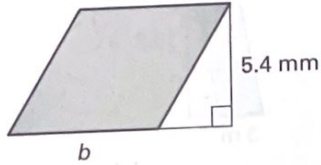
Practice

For use with pages 521-526

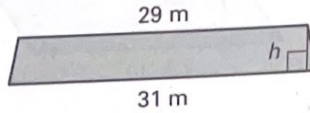
13.

Find the unknown measure of the parallelogram or trapezoid.

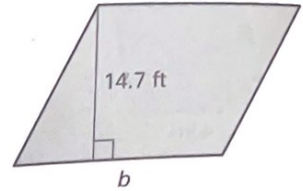
9. $A = 36.18 \text{ mm}^2$



10. $A = 135 \text{ m}^2$



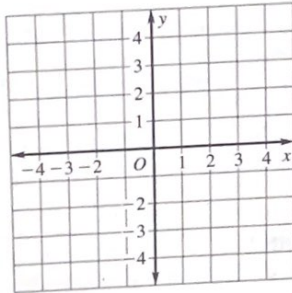
11. $A = 294 \text{ ft}^2$



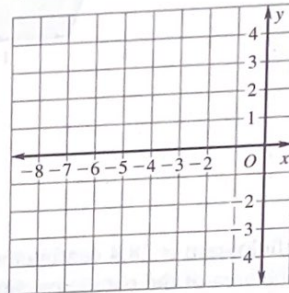
14. F
e
A

In Exercises 12 and 13, plot the points in a coordinate plane. Connect the points so that they form a polygon. Identify the polygon and find its area.

12. $(-3, 1), (3, 2), (3, -2), (-3, -3)$

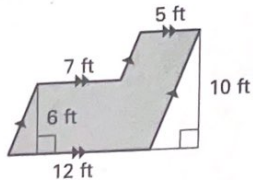


13. $(-5, 4), (-3, 2), (-3, -4), (-5, -4)$

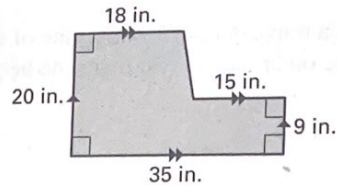


Find the area of the figure.

14.



15.

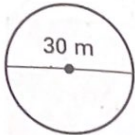


Practice

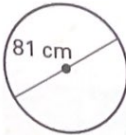
For use with pages 527-533

Find the circumference of the circle. Use 3.14 or $\frac{22}{7}$ for π . Round to the nearest whole number.

1.



2.



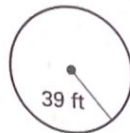
3.



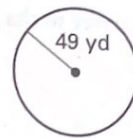
4.



5.



6.



For a circle with the given circumference C , find the radius and diameter of the circle. Round to the nearest whole number.

7. $C = 63$ m

8. $C = 91$ ft

9. $C = 132$ in.

Find the area of the circle. Use 3.14 or $\frac{22}{7}$ for π . Round to the nearest whole number.

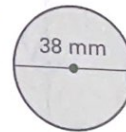
10.



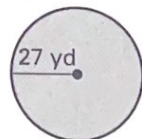
11.



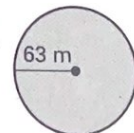
12.



13.



14.



15.



LESSON
10.4
Continued

Name _____ Date _____

Practice

For use with pages 527-533

13.

For a circle with the given area A , find the radius and diameter of the circle.
Round to the nearest whole number.

16. $A = 113 \text{ cm}^2$

17. $A = 3018 \text{ ft}^2$

18. $A = 7850 \text{ m}^2$

14. F
e
A

20. The base of a yogurt container has a circumference of about 22 centimeters.
Find the radius and diameter of the base to the nearest centimeter.

21. Find the shaded area of the basketball court to the nearest foot.

