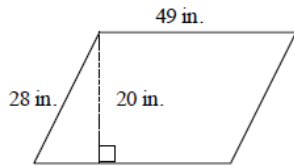


Geometry Unit 1 Study Guide

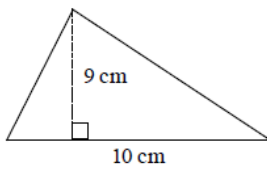
Unit 1 Geometry Study Guide

Find the area. The figure is not drawn to scale.

1.

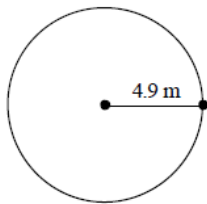


2.

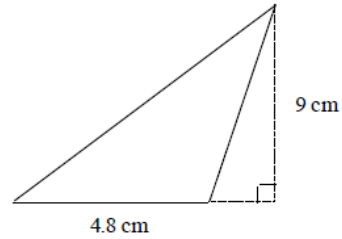


Find the area of the circle.

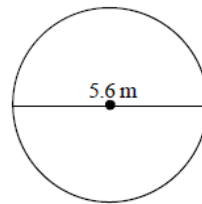
4.



3.

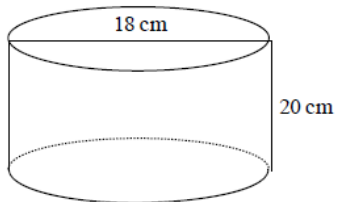


5.



Find the surface area of the cylinder.

6.



Not drawn to scale

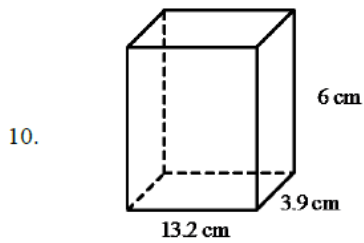
8. A rectangular napkin costs \$3.25. A similar tablecloth is five times longer and five times wider. How much would you expect to pay for the tablecloth?

7. The area of a parallelogram is 280 cm^2 and the height is 35 cm. Find the corresponding base.

9. The circumference of a circle is 64π cm. Find the diameter, the radius, and the length of an arc of 190° .

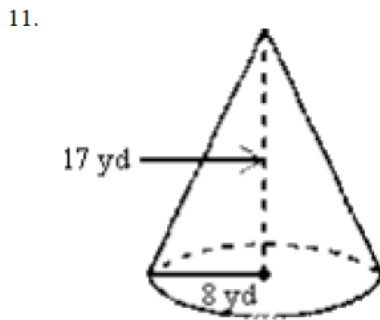
Geometry Unit 1 Study Guide

Find the volume of the given prism. Round to the nearest tenth if necessary.

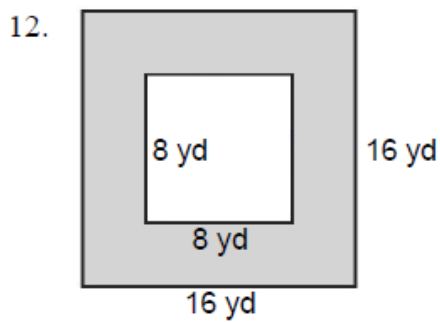


Not drawn to scale

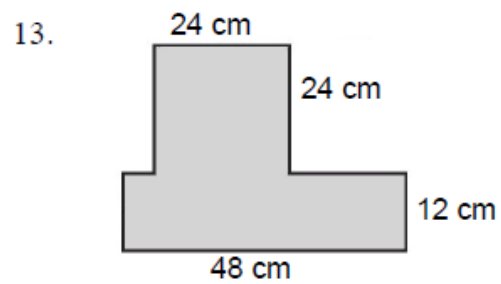
Find the volume of the right cone shown as a decimal rounded to the nearest tenth.



Not drawn to scale



Area: _____

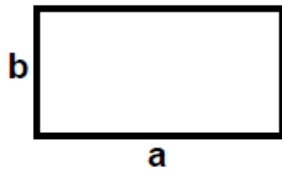


Area: _____

Geometry Unit 1 Study Guide

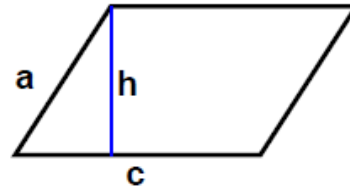
Find the area. The figure is not drawn to scale.

14.



$$a = 8.3 \text{ mm} \quad b = 4.3 \text{ mm}$$

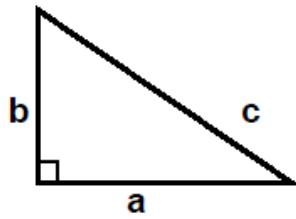
15.



$$a = 5.37 \text{ yds} \\ c = 8.3 \text{ yds} \quad h = 5 \text{ yds}$$

Find the perimeter

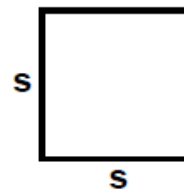
16.



$$a = 8.6 \text{ cm} \quad b = 5.8 \text{ cm} \\ c = 10.37 \text{ cm}$$

Find the perimeter

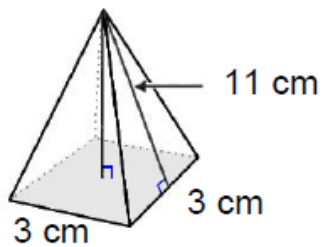
17.



$$s = 5 \text{ inches}$$

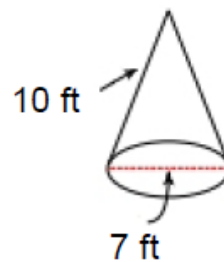
Find the surface area

18.



Find the surface area

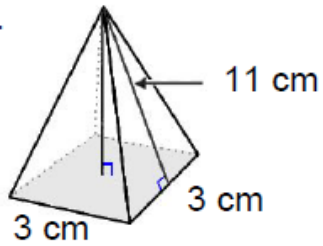
19.



Geometry Unit 1 Study Guide

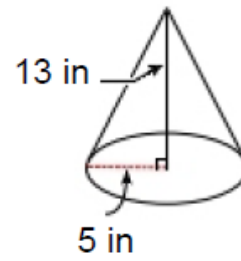
Find the volume

20.



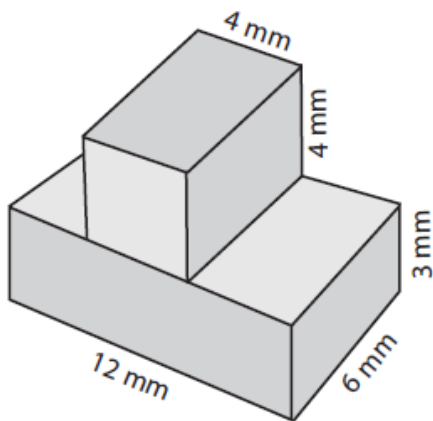
Find the volume

21.



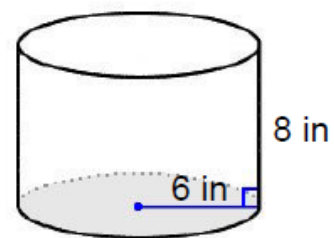
Find the volume of the composite space

22



Find the volume

23.



Study all material worked during class!!!