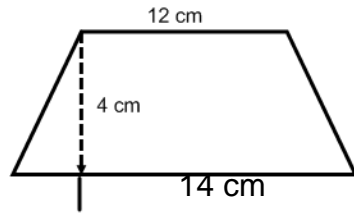


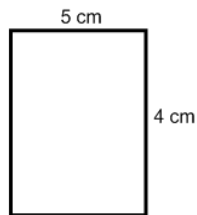
Area Study Guide

Name: _____ Date: _____ Period: _____

- 1) Find the area of the following composite figure:

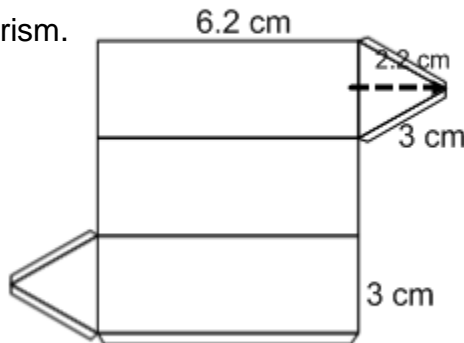


- 2) Find the area of the following:



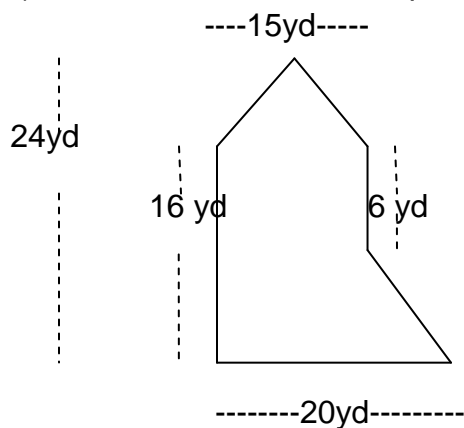
- 3) Find the volume of a cube with a side length of $\frac{3}{5}$ in.
- 4) Find the surface area of a cube with a side length of 5 inches.

- 5) Find the surface area of the triangular prism.

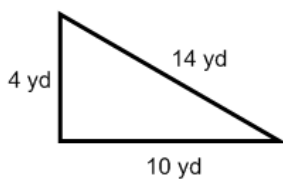


- 6) Find the surface area of a rectangular prism with a length of 130mm, width of 18mm, and a height of 31mm.
- 7) Find the volume of a rectangular prism with dimension of $l = \frac{2}{3}$ cm, $w = 3\frac{1}{2}$ cm, and $h = 3$ cm.

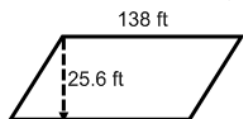
8) Find the area of the composite shape below.



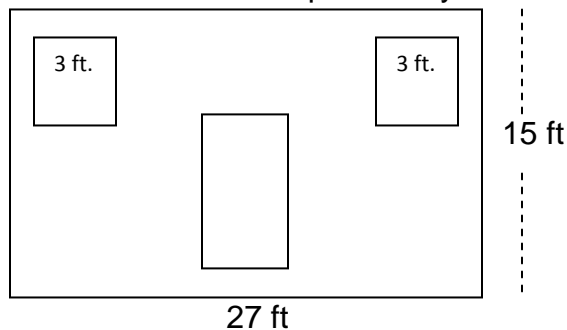
9) Find the area of the triangle.



10) Find the area of the parallelogram.



11) The wall below has a door and two square windows. The width of the door is equal to the width of the windows and the length of the door is 9 ft. I am only painting the wall space. Find the amount of area to be painted by subtracting out the windows and the door from the total area.



12) Explain how to derive the formula of a triangle.