

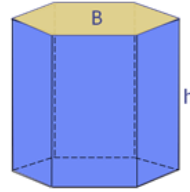
Math 7 - Unit 5

Day 17 - Volume of Prisms & Pyramids

Lesson Objectives:

- I can draw geometric shapes with given conditions.
- I can solve real-world and mathematical problems involving volume of three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.

The **volume** of a three-dimensional figure is a measure of the amount of space that it occupies. Volume is measured in cubic units.



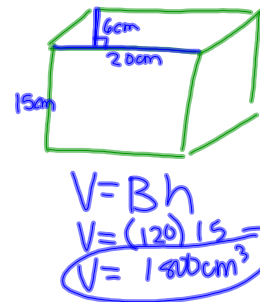
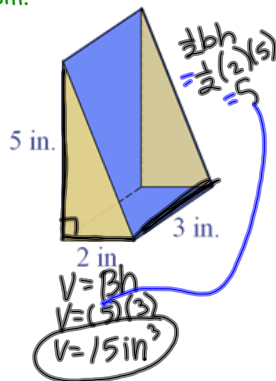
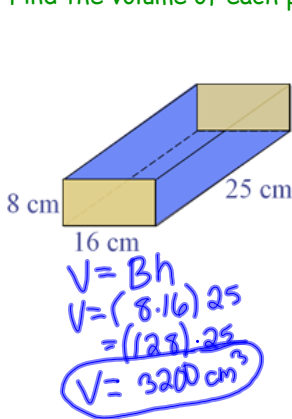
The volume V of a prism is the product of the area of the base and the height of the prism.

$$V = Bh$$

B is the Area of the Polygon Base

h is the height of the prism

Find the volume of each prism.



Homework

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* Individual Think Time *



What to do if you get stuck...

1. Reread the problem. Did you write it down correctly?
2. Reread your notes. Is there a problem similar that we did together in class?
3. Find a problem similar in your book. Try this one to see if it helps.
4. Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

