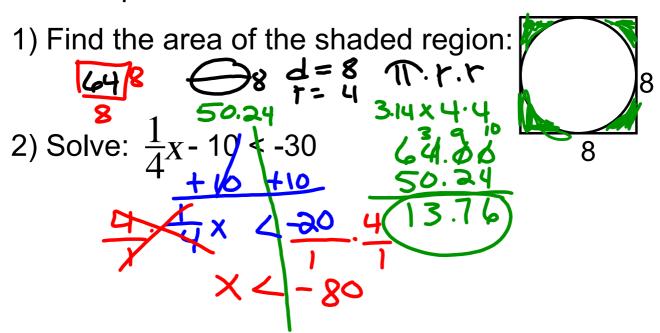
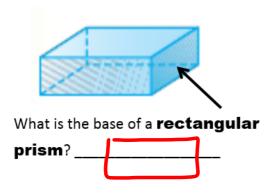
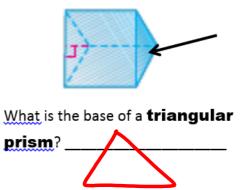
You need out your Warm Up & Agenda Homework: Volume Practice. Test next week!! Warm Up:



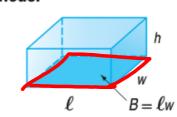




The volume V of a rectangular prism is the product of the length ℓ , the width w, and the height h. It is also the area of the base B times the height h.

 $V = \ell wh \text{ or } V = Bh$





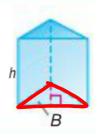
So the formula is:

$$V = B \cdot h$$

The volume V of a triangular prism is the area of the base B times the height h.

V = Bh, where B is the area of the base.

Model



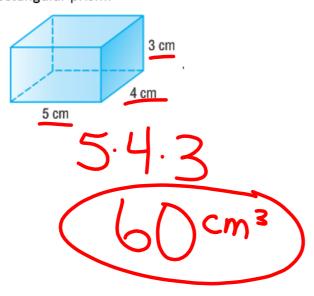
So the formula is:

$$V = B \cdot h$$

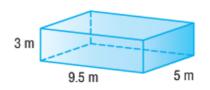
$$\left(\frac{1 \cdot W}{2}\right) \cdot h$$

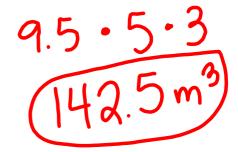
$$V = 1 \cdot W \cdot h$$

Example 1: Find the volume of the rectangular prism.

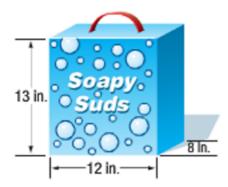


Example 2: Find the volume of the rectangular prism.

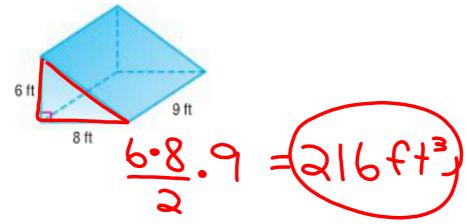




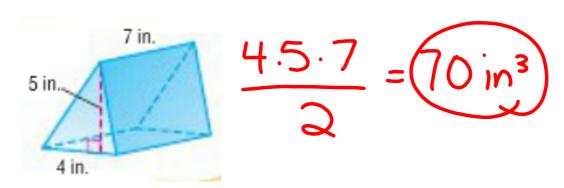
Example 3: Find the volume of the rectangular prism.



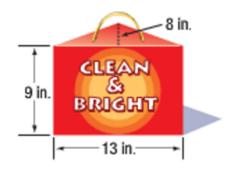
Example 4: Find the volume of the triangular prism.

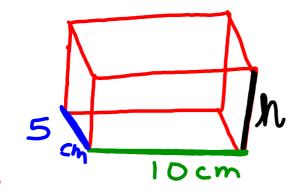


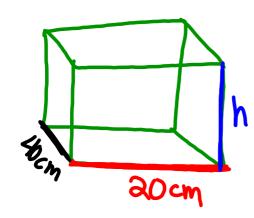
Example 5: Find the volume of the triangular prism.

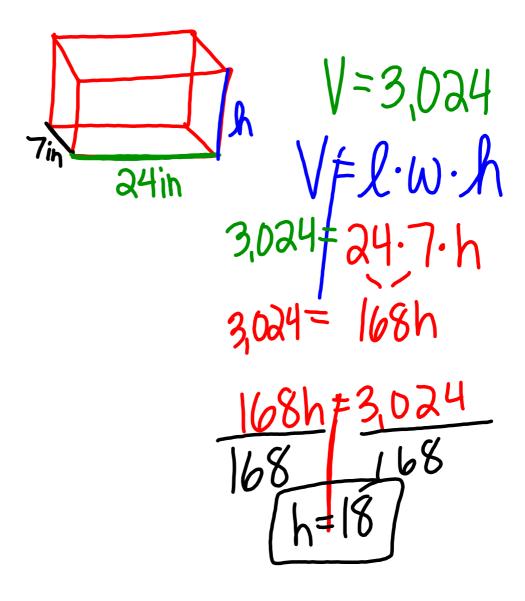


Example 6: Find the volume of the triangular prism.



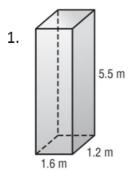




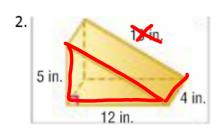


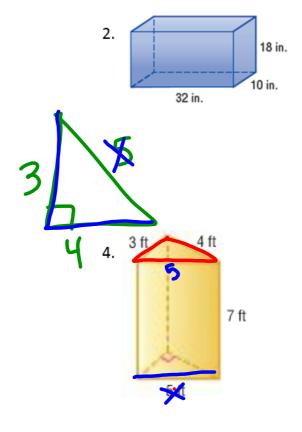
Tonight's Homework:

Volume of Prisms- Homework



No slant



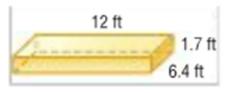


You need out your MSG & Agenda

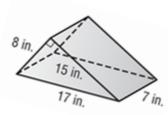
Homework: Volume Practice

Opening:

1) Find the volume:



2) Find the volume:



3) Solve for x: 2x + 12 = -24