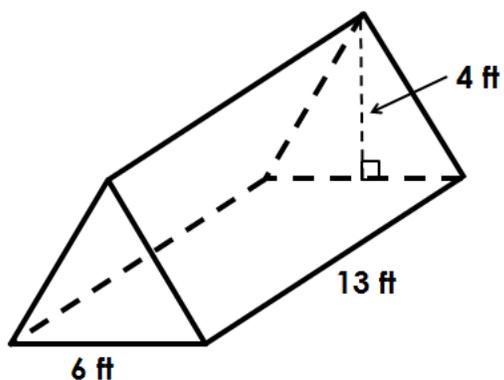
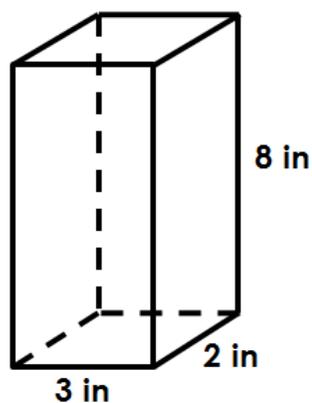


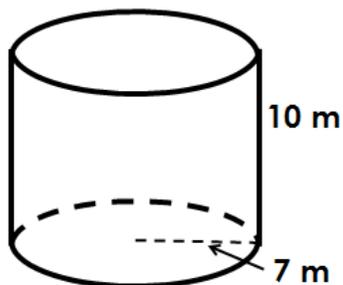
Find the volume of the triangular prism shown below.



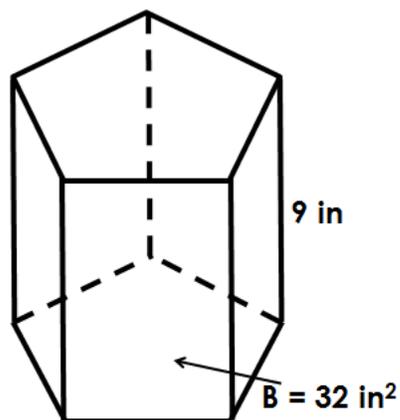
Find the volume of the rectangular prism shown below.

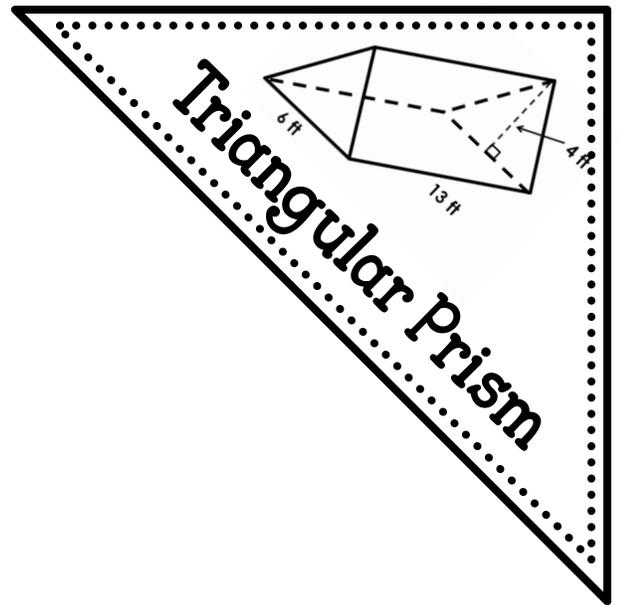
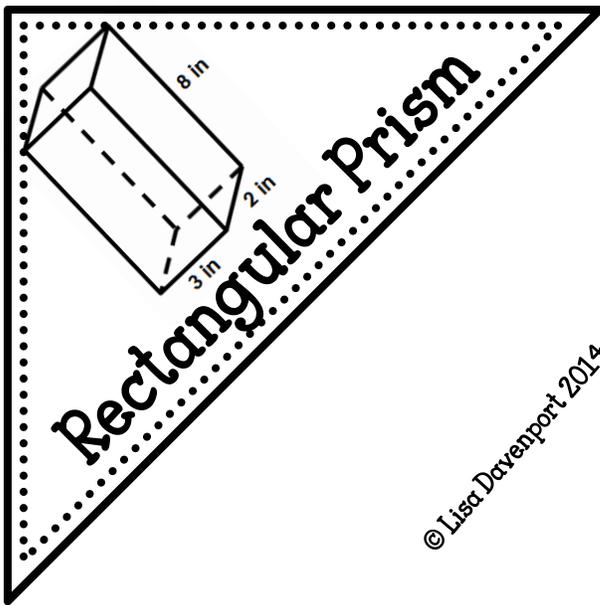


Find the volume of the cylinder shown below. Use 3.14 for  $\pi$ .

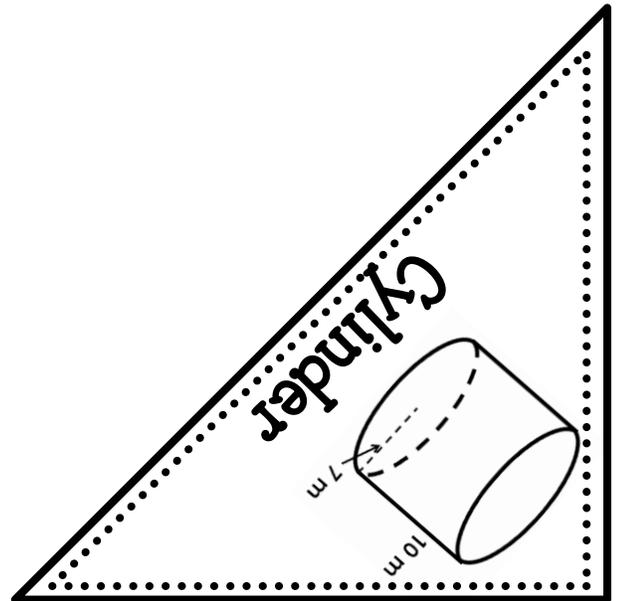
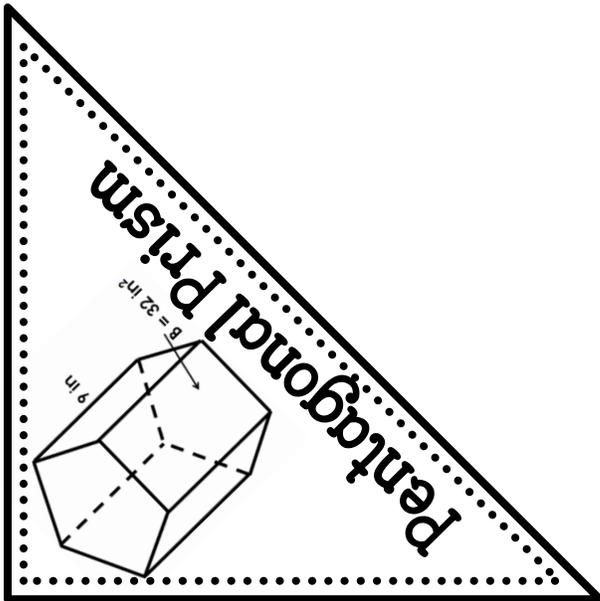


Find the volume of the pentagonal prism shown below.

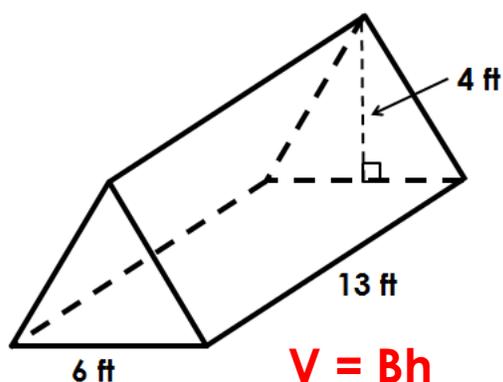




# Answer Key!



Find the volume of the triangular prism shown below.



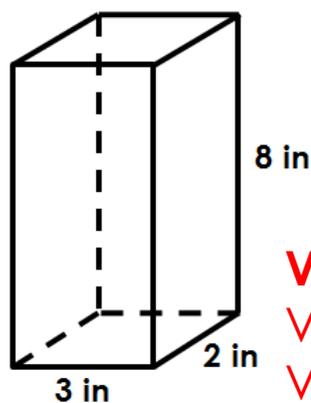
$$V = Bh$$

$$V = \left(\frac{1}{2}bh\right)l$$

$$V = \left(\frac{1}{2}\right)(6\text{ft})(4\text{ft})(13\text{ft})$$

$$V = 156\text{ft}^3$$

Find the volume of the rectangular prism shown below.



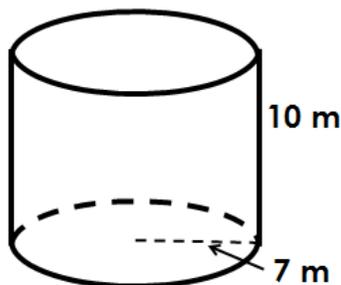
$$V = Bh$$

$$V = (bh)h$$

$$V = (3\text{in})(2\text{in})(8\text{in})$$

$$V = 48\text{in}^3$$

Find the volume of the cylinder shown below. Use 3.14 for  $\pi$ .



$$V = Bh$$

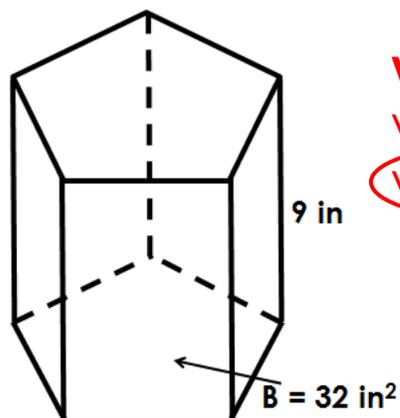
$$V = (\pi r^2)h$$

$$V = (3.14)(7\text{m})^2(10\text{m})$$

$$V = (3.14)(49\text{m}^2)(10\text{m})$$

$$V = 1,538.6\text{m}^3$$

Find the volume of the pentagonal prism shown below.



$$V = Bh$$

$$V = (32\text{in}^2)9\text{in}$$

$$V = 288\text{in}^3$$

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Print pages 1 & 2 front to back. Choose the option to flip along the long edge. Cut off the extra piece at the bottom (along the dotted line). Have students fold in each of the corners.

The final product should look like this:

