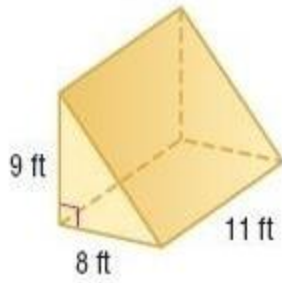
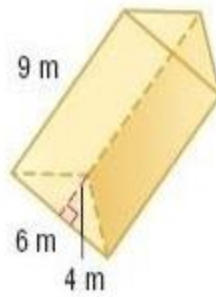


Find the volume of each figure.

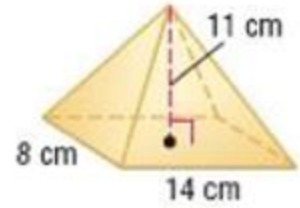
1)



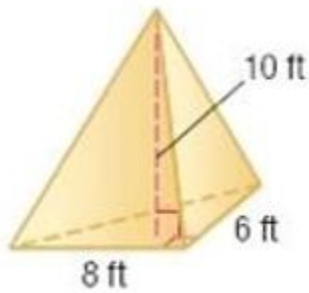
2)



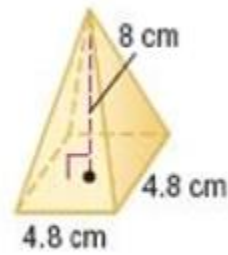
3)



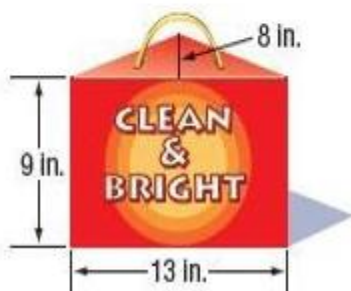
4)



5)



6) Which container holds more detergent? Explain how you know.



Determine the formula to use for each situation and evaluate each formula to answer each question.

7) What is the volume of a rectangular prism that has a base area of  $25\text{cm}^2$  and a height of  $10\text{ cm}$ ? Write the formula and then evaluate the formula.

8) What is the volume of a triangular prism with a base area of  $20\text{cm}^2$  and a height of  $12\text{ cm}$ ? Write the formula and then evaluate the formula.

9) What is the volume of a square pyramid with base length of  $3\text{cm}$  and a height of  $7\text{cm}$ ? Write the formula and then evaluate the formula.

10) Pick one of the volume formulas (rectangular prism, triangular prism, or pyramid), and explain each part of the formula. Describe why the formula works in finding the volume in a figure.