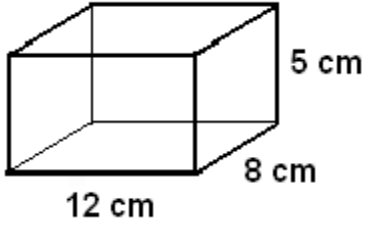


Advanced Geometry  
Quick Volume Recap

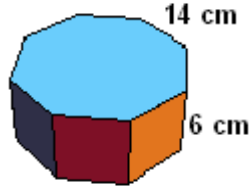
Name: \_\_\_\_\_

**Volume = (Area of Base) \* Height**  
\*\* if the figure has two congruent bases\*\*

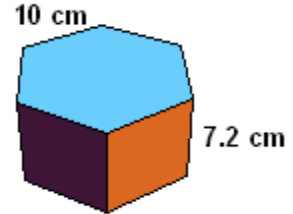
1.) All rectangular faces



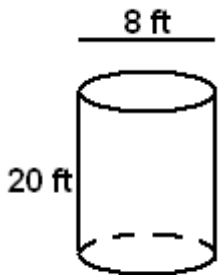
2.) Regular Octagon & Rectangles



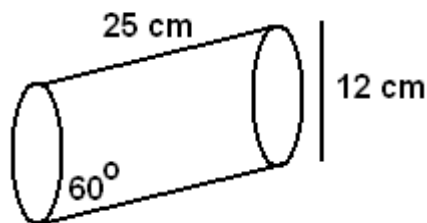
3.) Regular Hexagons & Rectangles



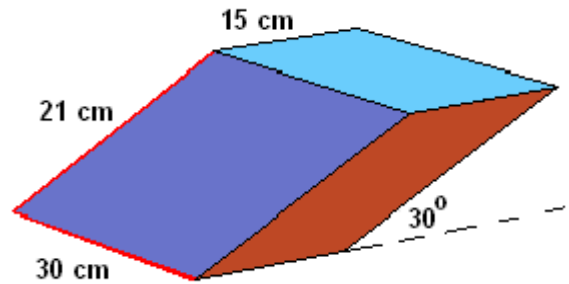
4.)



5.)



6.)

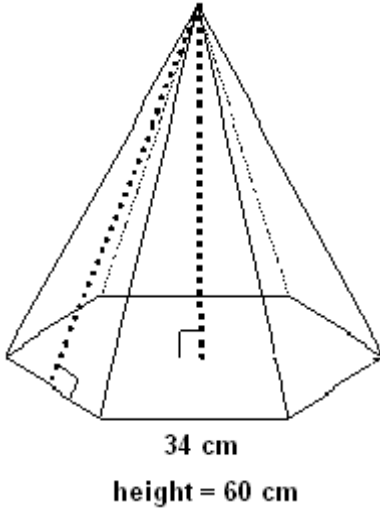


If the figure comes to a POINT.... then we have

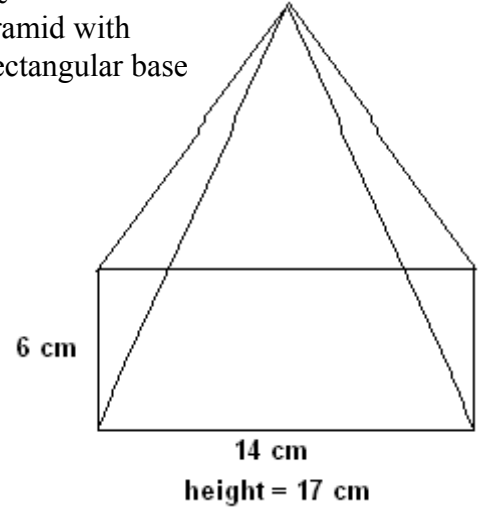
$$\text{Volume} = (\text{Area of Base}) * \text{Height}$$

\*\* In this case, there is only one base \*\*

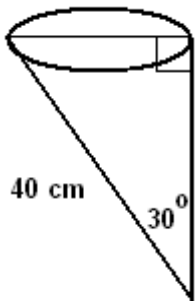
- 1.) Pyramid with a regular hexagon base



- 2.) Pyramid with a rectangular base



- 3.) Right Cone



- 4.) Find the volume of the composite figure. (a right cone and oblique cylinder joined)

