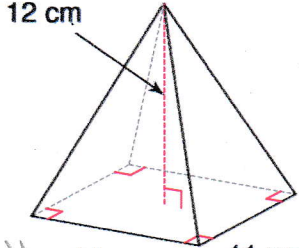
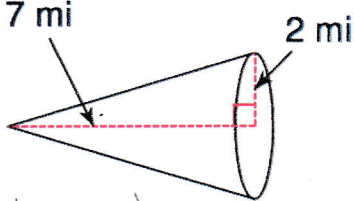
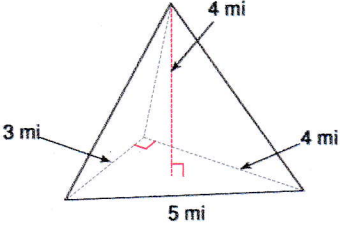
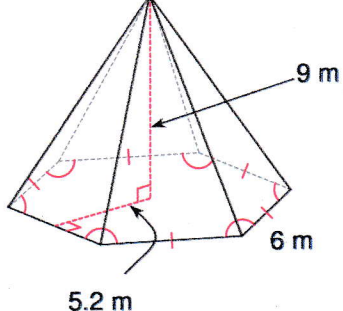


## VOLUME OF PYRAMIDS & CONES

VOLUME Formulas	Pyramids	Cones
	$V = \frac{1}{3} (\text{area of the base}) (\text{height of the solid})$	$V = \frac{1}{3} \pi r^2 h$
COMPUTING VOLUME OF Cones & Pyramids EXAMPLES	Find the volume of each of the solids below.	
	<p>1.</p>  <p style="margin-left: 20px;"> <math>V = \frac{1}{3} (s^2) h</math>  <math>V = \frac{1}{3} (11^2) (12)</math>  <math>V = (121)(4)</math>  <math>V = 484 \text{ cm}^3</math> </p>	<p>2.</p>  <p style="margin-left: 20px;"> <math>V = \frac{1}{3} \pi r^2 h</math>  <math>V = \frac{1}{3} (\pi (2)^2) (7)</math>  <math>V = \frac{1}{3} (4\pi) (7)</math>  <math>V = \frac{28\pi}{3} \text{ mi}^3</math> </p>
	<p>3.</p>  <p style="margin-left: 20px;"> <math>V = \frac{1}{3} (\frac{1}{2} bh) (H)</math>  <math>V = \frac{1}{3} (\frac{1}{2} (3)(4)) (4)</math>  <math>V = 2(4)</math>  <math>V = 8 \text{ m}^3</math> </p>	<p>4.</p>  <p style="margin-left: 20px;"> <math>V = \frac{1}{3} (6 (\frac{1}{2} bh)) H</math>  <math>V = (bh) (H)</math>  <math>V = (6)(5.2)(9)</math>  <math>V = 280.8 \text{ m}^3</math> </p>