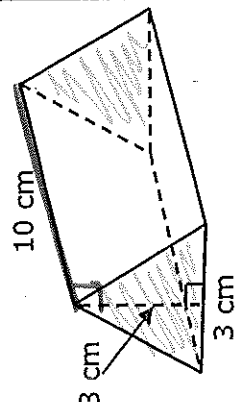
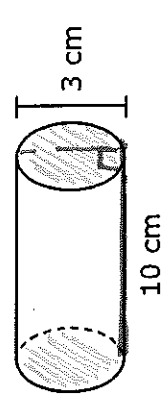
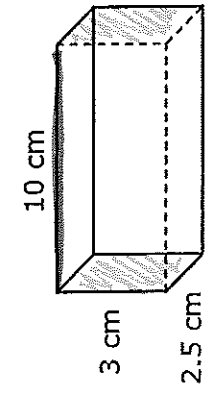


Name: 3/28 class notes 3 dimensional * 3D* Volume

Volume Notes Page

Three-Dimensional Figure	Name of Three-Dimensional Figure	Formula for the Area of the Base (B)	Volume Formula
	<p>Triangular prism</p> <p>BASE triangle</p>	<p>$A = \frac{1}{2}bh$</p> <p>$A = \frac{1}{2} \cdot 3 \cdot 3$</p> <p>$A = 4.5 \text{ cm}^2$ B</p>	<p>$V = Bh$</p> <p>$V = 4.5 \cdot 10$</p> <p>$V = 45 \text{ cm}^3$</p>
	<p>Cylinder</p> <p>BASE circle</p>	<p>$A = \pi r^2$</p> <p>$A = 3.14 \cdot 3^2$</p> <p>$A = 3.14 \cdot 9$</p> <p>$A = 28.26 \text{ cm}^2$ B</p>	<p>$V = Bh$</p> <p>$V = 28.26 \cdot 10$</p> <p>$V = 282.6 \text{ cm}^3$</p>
	<p>Rectangular prism</p> <p>BASE rectangle</p>	<p>$A = bh$</p> <p>$A = 2.5 \cdot 3$</p> <p>$A = 7.5 \text{ cm}^2$ B</p>	<p>$V = Bh$</p> <p>$V = 7.5 \cdot 10$</p> <p>$V = 75 \text{ cm}^3$</p>