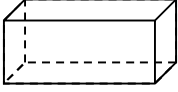
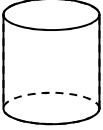
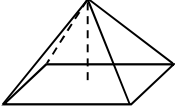
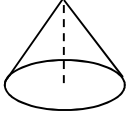
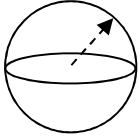
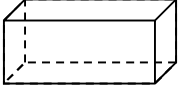
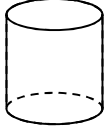
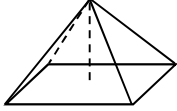
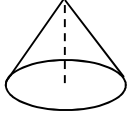
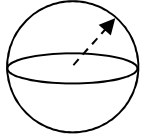


Lateral Area Formulas

Shape	Formula	
Right Prism	Perimeter x Height	
Right Cylinder	Circumference x Height	
Pyramid	$\frac{1}{2}$ Perimeter x Slant Height	
Cone	π Radius x Slant Height	
Sphere	4π Radius ²	

VOLUME Formulas

Shape	Formula	
Right Prism	Area of Base x Height	
Right Cylinder	Area of Base x Height	
Pyramid	1/3 Area of Base x Height	
Cone	1/3 Area of Base x Height	
Sphere	$\frac{4\pi}{3}$ Radius ³	

Similar Figures

$$\text{Ratio} = \frac{\text{Big Length}}{\text{Small Length}}$$

$$\text{Big Perimeter} = \text{Ratio}(\text{Small Perimeter})$$

$$\text{Big Area} = \text{Ratio}^2(\text{Small Area})$$

$$\text{Big Volume} = \text{Ratio}^3(\text{Small Volume})$$