
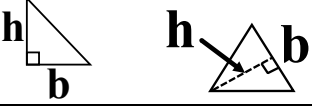
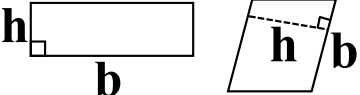
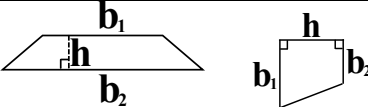

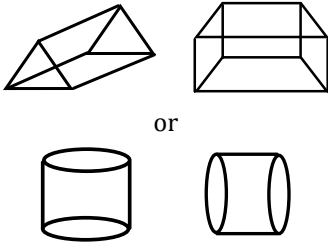
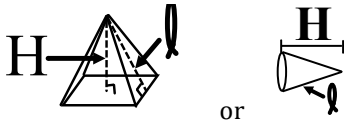
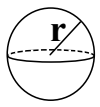


Name: \_\_\_\_\_

Area Formulas  
**You must memorize these formulas!**

Image	Shape	Base Area (B)
	Circle	$B = \pi r^2$
	Triangle	$B = \frac{bh}{2}$ or $B = \frac{1}{2}bh$
	Rectangle/ Parallelogram	$B = bh$
	Trapezoid	$B = \frac{(b_1 + b_2)h}{2}$
	Rhombus or Kite	$B = \frac{d_1 d_2}{2}$

Volume Formulas  
**You must memorize these formulas!**

Image	Shape	Volume (V)
	Prism or Cylinder  <i>(need the formula for the area (B) of the base shape)</i>	$V = BH$ <i>examples:</i> Cylinder has a circle base: $V = (\pi r^2)H$  Triangular Prism has a triangle base: $V = \left(\frac{bh}{2}\right)H$
	Pyramid or Cone  <i>(need the formula for the area (B) of the base shape)</i>	$V = \frac{BH}{3}$ <i>examples:</i> Cone has a circle base: $V = \frac{(\pi r^2)H}{3}$  Rectangular pyramid has rectangle base: $V = \frac{(bh)H}{3}$
	Sphere	$V = \frac{4\pi r^3}{3}$

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

Area Formulas

<u>Image</u>	<u>Shape</u>	<u>Base Area (B)</u>
	Circle	
	Triangle	
	Rectangle/ Parallelogram	
	Trapezoid	
	Rhombus or Kite	

Volume Formulas

<u>Image</u>	<u>Shape</u>	<u>Volume (V)</u>
	Prism or Cylinder	
	Pyramid or Cone	
	Sphere	