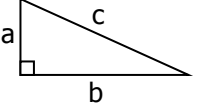


## Math 8 FORMULA SHEET SEMESTER 2

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$d = \sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2}$

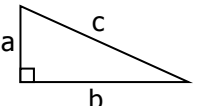
<b>Right Triangles</b>	<b>Pythagorean Theorem</b>
	$a^2 + b^2 = c^2$

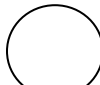
**Area Circle:**   $A = \pi r^2$      $\pi \approx 3.14$

<b>Volume</b>	
<b>Cylinders</b>	$V = Bh$
<b>Cones</b>	$V = \frac{Bh}{3}$ <b>OR</b> $V = \frac{1}{3} Bh$
<b>Spheres</b>	$V = \frac{4\pi r^3}{3}$ <b>OR</b> $V = \frac{4}{3} \pi r^3$

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