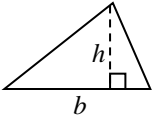
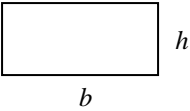
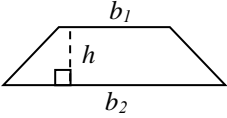
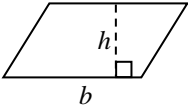
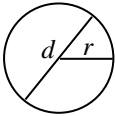
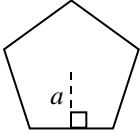
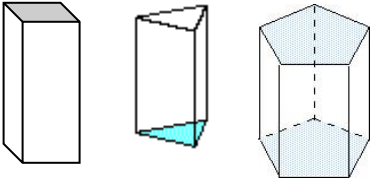
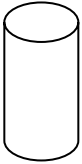
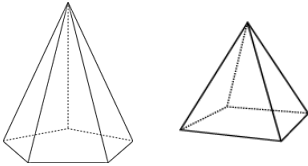
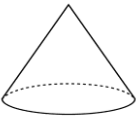
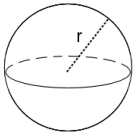


Shapes	Formulas
<b>Triangle</b> 	$A = \frac{1}{2}bh$ $P = \text{sum of sides}$
<b>Rectangle</b> 	$A = bh$ $P = \text{sum of sides}$
<b>Trapezoid</b> 	$A = \frac{1}{2}(b_1 + b_2)h$ $P = \text{sum of sides}$
<b>Parallelogram</b> 	$A = bh$ $P = \text{sum of sides}$
<b>Circle</b> 	$A = \pi r^2$ $C = 2\pi r = \pi d$
<b>Regular Polygon</b> 	$A = \frac{1}{2}ap = \frac{1}{2} \times \text{apothem} \times \text{perimeter}$ $P = \text{sum of sides}$

Solids	Formulas
<b>Prism</b> 	$V = BH = \text{area of base} \times \text{height of prism}$ $S = \text{sum of the area of the faces}$
<b>Cylinder</b> 	$V = BH = \text{area of base} \times \text{height of cylinder}$ $S = 2 \times \text{area of base} + \text{lateral area} = 2\pi r^2 + 2\pi rH$
<b>Pyramid</b> 	$V = \frac{1}{3}BH = \frac{1}{3} \times \text{area of base} \times \text{height of pyramid}$ $S = \text{sum of the area of the faces}$
<b>Cone</b> 	$V = \frac{1}{3}BH = \frac{1}{3} \times \text{area of base} \times \text{height of cone}$ $S = \pi r^2 + \pi rL$ $L = \text{slant height}$
<b>Sphere</b> 	$V = \frac{4}{3}\pi r^3$ $S = 4\pi r^2$