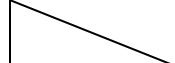
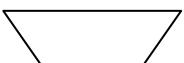
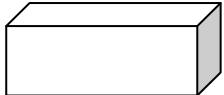
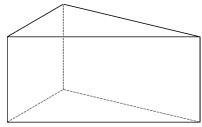
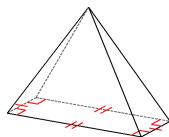
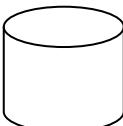


Area Formulas (units²)

* Note: $b \perp h$

Rectangle $A = bh$		Triangle $A = \frac{1}{2} bh$	 
Parallelogram $A = bh$		Trapezoid $A = \frac{1}{2} h (b_1 + b_2)$ * Note: b_1 & b_2 are the parallel sides	
Square $A = bh$ or $A = s^2$		Circle $A = \pi r^2$ * Note: $r = d \div 2$ * Note: $C = 2\pi r$ or $C = \pi d$	

Surface Area (units²) & Volume (units³) Formulas

	# faces/bases shapes	Surface Area (units ²)	Volume (units ³)
Rectangular Prism 	6 faces All rectangles	$SA = 2lw + 2lh + 2wh$ $SA =$ Find area of all faces and add together	$V = Bh$ ($B = lw$) so $V = lwh$
Triangular Prism 	5 faces 2 triangles (bases) 3 rectangles	$SA =$ Find area of all faces and add together	$V = Bh$ (B is Area of triangle base: $B = \frac{1}{2} bh$)
Rectangular Pyramid 	5 faces 4 triangles 1 rectangle (base)	$SA =$ Find area of all faces and add together	$V = \frac{Bh}{3}$
Triangular Pyramid 	4 faces 4 triangles	$SA =$ Find area of all faces and add together	$V = \frac{Bh}{3}$
Cylinder 	# bases & shape only 2 circle bases	$SA = 2\pi r^2 + 2\pi rh$	$V = \pi r^2 h$
Cone 	# bases & shape only 1 circle base		$V = \frac{\pi r^2 h}{3}$
Sphere 			$V = \frac{4\pi r^3}{3}$