GEOMETRY FORMULAS

No.	Geometry Formulas		
1.	**Square:**		
	Area:	$A = s^2$	$s = side\ of\ the\ square$
	Perimeter:	$P = 4s$	$s = side\ of\ the\ square$
2.	**Rectangle:**		
	Area:	$A = lw$	$l = length \quad w = width$
	Perimeter:	$P = 2l + 2w$	$l = length \quad w = width$
3.	**Rectanglular Solid:**		
	Volume:	$V = lwh$	$l = length$
	Surface Area:	$A = 2hw + 2lw + 2lh$	$w = width$
			$h = height$
4.	**Cube**		
	Volume:	$V = e^3$	$e = side$
	Surface Area:	$A = 6e^2$	
5.	**Triangle:**		
	Area:	$A = \frac{1}{2}\ bh$	$b = base \quad h = height$
	Perimeter	$P = a + b + c$	$a, b, c = sides$
6.	**Right Triangle:**		
	Pythogorean Theorem:	$c^2 = a^2 + b^2$	$c = hypotenus$
		$c = \sqrt{a + b}$	$a = leg$
			$b = leg$
7.	**Parallelogram:**		
	Area:	$A = bh$	$b = base \quad h = height$
	Perimeter	$P = 2a + 2b$	$a, b = sides$
8.	**Trapezoid:**		
	Area:	$A = \frac{1}{2}(b + B)h$	$b = short\ side$
	Perimeter	$P = a + b + c + B$	$B = long\ side$
			$h = height$
			$a, b, c, B = sides$
9.	**Circle:**		
	Area:	$A = \pi r^2$	$\pi = pie$
	Circumference:	$C = 2\pi r$	$r = radius$
10.	**Sphere:**		
	Volume:	$V = \frac{4}{3}\pi r^3$	$\pi = pie$
	Surface Area:	$S = 4\pi r^2$	$r = radius$