TRANSITION TO ALGEBRA FORMULA CHART

Volume of Cube $V = s^3$	**Area of Rectangle** $A = bh$
Volume of Rectangular Prism $V = lwh$	**Slope-Intercept Form** $y = mx + b$
Area of Square $A = s^2$	**Perimeter of Rectangle** $P = 2l + 2w$
Area of Triangle $A = \dfrac{bh}{2}$	**Slop of a Line** $m = \dfrac{y_2 - y_1}{x_2 - x_1}$
Area of Trapezoid $A = \dfrac{1}{2} h(b_2 - b_1)$	**Distance Between to Ordered Pairs** $d = \sqrt{(x_2 - x)^2 + (y_2 - y_1)^2}$
Percent Proportion $\dfrac{is}{of} = \dfrac{\%}{100}$	**Pythagorean Theorem** $c^2 = a^2 + b^2$
Percent of Change $\dfrac{difference}{original} = \dfrac{\%}{100}$	**Midpoint** $\left[\dfrac{x_2 - x_1}{2} = \dfrac{y_2 - y_1}{2} \right]$
Simple Interest Formula $I = prt$	**Perimeter of Square** $P = 4s$
Circumference of Circle $C = \pi d$	**Area of Circle** $A = \pi r^2$

Distance Formula

$d = rt$