

FORMULA CHART

Perimeter	square rectangle	$P = 4s$ $P = 2(l + w)$
Circumference	circle	$C = 2\pi r$
Area	square	$A = s^2$
	rectangle	$A = lw$ or $A = bh$
	triangle	$A = \frac{bh}{2}$
	trapezoid	$A = \frac{1}{2}(b_1 + b_2)h$
Surface Area	circle	$A = \pi r^2$
	cube cylinder (lateral)	$S = 6s^2$ $S = 2\pi rh$
Volume	rectangular prism	$V = lwh$
	cylinder	$V = \pi r^2 h$
	cube	$V = s^3$
Pythagorean Theorem	right triangle	$a^2 + b^2 = c^2$

MEASUREMENT CONVERSIONS

	METRIC	CUSTOMARY
Length	1 kilometer = 1000 meters 1 meter = 100 centimeters 1 centimeter = 10 millimeters	1 mile = 1760 yards 1 mile = 5280 feet 1 yard = 3 feet 1 foot = 12 inches
Volume and Capacity	1 liter = 1000 milliliters	1 gallon = 4 quarts 1 gallon = 128 ounces 1 quart = 2 pints 1 pint = 2 cups 1 cup = 8 ounces
Weight and Mass	1 kilogram = 1000 grams 1 gram = 1000 milligrams	1 pound = 16 ounces 1 ton = 2000 pounds
Time		1 year = 365 days 1 year = 12 months 1 year = 52 weeks 1 week = 7 days 1 day = 24 hours 1 hour = 60 minutes 1 minute = 60 seconds