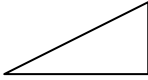
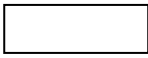

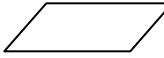
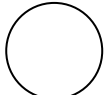


PK-3 Mathematics Reference Sheet

		Area
	Triangle	$A = \frac{1}{2}bh$
	Rectangle	$A = lw$
	Trapezoid	$A = \frac{1}{2}h(b_1 + b_2)$
	Parallelogram	$A = bh$
	Circle	$A = \pi r^2$

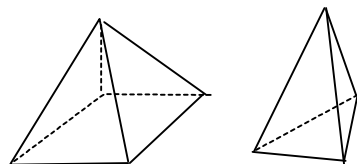
KEY	
$b =$ base	$d =$ diameter
$h =$ height	$r =$ radius
$l =$ length	$A =$ area
$w =$ width	$C =$ circumference
$S.A. =$ surface area	$V =$ volume
	$B =$ area of base
Use 3.14 or $\frac{22}{7}$ for π	

Circumference

$$C = \pi d = 2\pi r$$

Surface Area

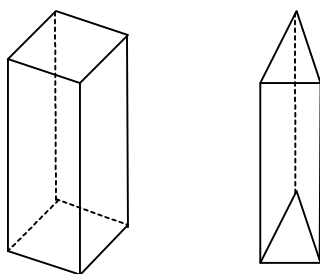
- Surface area of a prism or pyramid equals the sum of the areas of all faces.



Volume

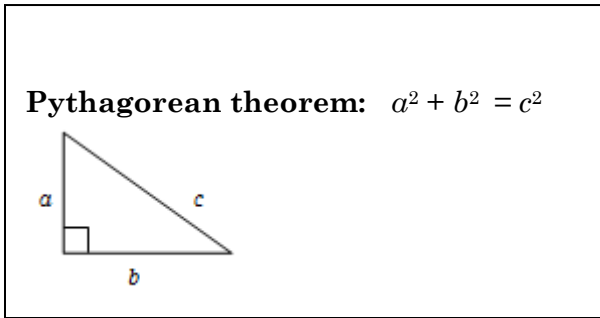
- Volume of a triangular or rectangular prism equals the Area of the Base (B) times the height (h).

$$V = Bh$$



2. Volume of a pyramid equals $\frac{1}{3}$ times the Area of the Base (B) times the height (h).

$$V = \frac{1}{3}Bh$$



Conversions

1 yard = 3 feet = 36 inches
1 mile = 1,760 yards = 5,280 feet
1 acre = 43,560 square feet
1 hour = 60 minutes
1 minute = 60 seconds

1 cup = 8 fluid ounces
1 pint = 2 cups
1 quart = 2 pints
1 gallon = 4 quarts
1 pound = 16 ounces
1 ton = 2,000 pounds

1 liter = 1000 milliliters = 1000 cubic centimeters
1 meter = 100 centimeters = 1000 millimeters
1 kilometer = 1000 meters
1 gram = 1000 milligrams
1 kilogram = 1000 grams

Metric numbers with four digits are presented without a comma (e.g., 9960 kilometers).
For metric numbers greater than four digits, a space is used instead of a comma (e.g., 12 500 liters).