



## LENGTH

### SI (metric)

1 kilometer = 1000 meters  
 1 meter = 100 centimeters  
 1 centimeter = 10 millimeters

### Customary

1 mile = 1760 yards  
 1 mile = 5280 feet  
 1 yard = 3 feet  
 1 foot = 12 inches

## CAPACITY AND VOLUME

### SI (metric)

1 liter = 1000 milliliters

### Customary

1 gallon = 4 quarts  
 1 gallon = 128 fluid ounces  
 1 quart = 2 pints  
 1 pint = 2 cups  
 1 cup = 8 fluid ounces

## MASS AND WEIGHT

### SI (metric)

1 kilogram = 1000 grams  
 1 gram = 1000 milligrams

### Customary

1 ton = 2000 pounds  
 1 pound = 16 ounces

## 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

# 6th Grade Mathematics Chart

<b>Perimeter</b>	square	$P = 4s$
	rectangle	$P = 2l + 2w$ or $P = 2(l + w)$
<b>Circumference</b>	circle	$C = 2\pi r$ or $C = \pi d$
<b>Area</b>	square	$A = s^2$
	rectangle	$A = lw$ or $A = bh$
	triangle	$A = \frac{1}{2}bh$ or $A = \frac{bh}{2}$
	trapezoid	$A = \frac{1}{2}(b_1 + b_2)h$ or $A = \frac{(b_1 + b_2)h}{2}$
	circle	$A = \pi r^2$
<b>Volume</b>	cube	$V = s^3$
	rectangular prism	$V = lwh$
<b>Pi</b>	$\pi$	$\pi \approx 3.14$ or $\pi \approx \frac{22}{7}$