

Symbols and Tables

MONEY

1 nickel = 5 cents (5¢)
1 dime = 10 cents (10¢)
1 quarter = 25 cents (25¢)
1 dollar = 100 cents (100¢ or \$1.00)
1 dollar = 4 quarters

MEASUREMENT

1 tablespoon (Tbsp) = 3 teaspoons (tsp)
1 quart (qt) = 2 pints (pt)
1 gallon (gal) = 8 pints
1 gallon = 4 quarts
1 liter (L) = 1,000 milliliters (ml or mL)

1 foot (ft) = 12 inches (in)
1 yard (yd) = 3 feet
1 mile (mi) = 5,280 feet
1 meter (m) = 100 centimeters (cm)
1 kilometer (km) = 1,000 meters

1 pound (lb) = 16 ounces (oz)
1 ton = 2,000 pounds
1 kilogram (kg) = 1,000 grams (g)

60 seconds = 1 minute
60 minutes = 1 hour
7 days = 1 week
365 days = 1 year
52 weeks = 1 year
12 months = 1 year

1 dozen = 12

1 cubic foot of water is about 7 gallons.
1 gallon of water weighs about 8 pounds.

PLACE-VALUE NOTATION

$31,452 = 30,000 + 1,000 + 400 + 50 + 2$

EXPANDED NOTATION

$1,452 = 1 \times 1,000 + 4 \times 100 + 5 \times 10 + 2 \times 1$

SYMBOLS

= equals
 $\approx$ approximately equal to
+ plus
- minus
 $\times$ times
 $\cdot$ times
() () times
¢ cents
\$ dollars
' foot
" inch
< less than
> greater than
|| parallel
 $\perp$ right angle
 $\perp$ perpendicular
 $\leftrightarrow$ line
 $\rightarrow$ ray
— line segment

$4 \div 2$ 4 divided by 2

$2 \overline{)4}$ 4 divided by 2

$\frac{4}{2}$ 4 divided by 2

AREA AND VOLUME

rectangle $A = bh$ (base times height)

parallelogram $A = bh$

triangle $A = \frac{bh}{2}$

trapezoid $A = \frac{b_1 + b_2}{2} \times h$ (average length of bases times the height)

rectangular solid $V = Bh$ (area of base times height)
or $V = l \times w \times h$ (length times width times height)

LABELS FOR PARTS OF PROBLEMS

Addition

25	addend
+ 16	addend
41	sum

Multiplication

33	multiplicand (factor)
$\times 5$	multiplier (factor)
165	product

Subtraction

45	minuend
- 22	subtrahand
23	difference

Division

	2	quotient
divisor 2	$\overline{) 4}$	dividend