

Compatible numbers

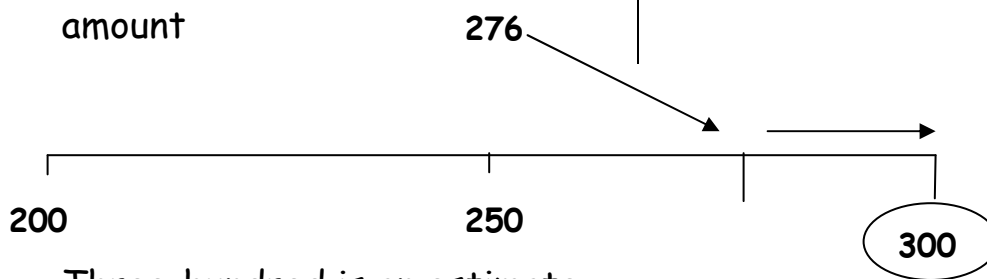
Numbers that are easy to work with mentally

$$\begin{aligned} 22 + 73 \\ = 25 + 70 \end{aligned}$$

The numbers 25 and 70 are compatible numbers for estimating the sum of 22 and 73.

Estimate

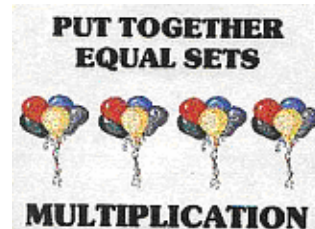
A number close to an exact amount



Three-hundred is an estimate of 276.

Multiplication

The operation of repeated addition of the same number.



Multiplication is a shortcut for addition.

Factor

A number you multiply

Multiplication:

$$\begin{array}{ccccc} & 6 & \times & 3 & = & 18 \\ \text{Factor} & \swarrow & & \swarrow & & \swarrow \\ & & & & & \text{Product} \end{array}$$

Since $6 \times 3 = 18$ then 6 and 3 are factors of 18.

Product

The answer after you have multiplied

Multiplication:

$$\underset{\text{Factor}}{6} \times \underset{\text{Factor}}{3} = \underset{\text{Product}}{18}$$

The product of 6 and 3 is 18.

Quotient

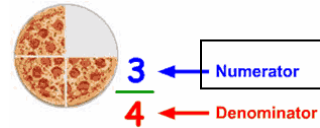
The answer after you divide one number by another

$$8 \div 4 = \boxed{2}$$

The quotient of $8 \div 4$ is 2.

Numerator

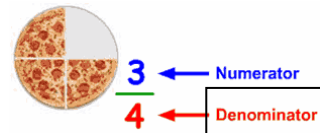
The top number in a fraction that shows the number of equal parts described



The "u" in numerator helps me remember it is up above the fraction bar

Denominator

The bottom number in a fraction that shows the total number of equal parts or groups.



The "d" in denominator helps me remember it is down below the fraction bar.

Multiplication and Division Fact Families

A group of facts that share the same numbers

$$3 \times 2 = 6$$

$$2 \times 3 = 6$$

$$6 \div 3 = 2$$

$$6 \div 2 = 3$$

Multiplication fact families make it easy to know division facts.

Table

A way to organize data using rows and columns

Spider Legs

No. of Spiders	No. of Legs
1	8
2	16
3	24

A table helps us see patterns and relationships.

Line of symmetry

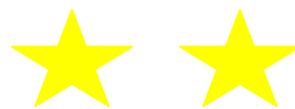
The imaginary line that divides a figure into two congruent parts that are mirror images of each other.



I fold the heart in half to check for a line of symmetry.

Congruent

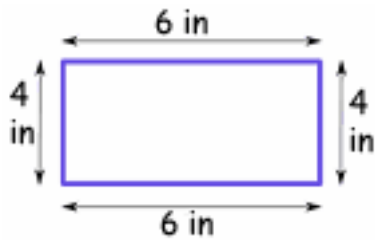
The same shape and size



If I slide one shape on top of the other, I can tell if the shapes are congruent.

Perimeter

The distance around a figure



I measure and add all the sides to find the perimeter.

Quart

A customary unit of capacity that equals 2 pints



When I am thirsty, I can drink a quart of water.

Gallon

A customary unit of capacity that equals 4 quarts.



Gasoline is sold by the gallon.

Pint

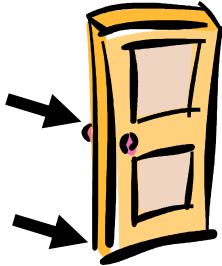
A customary unit of capacity that equals two cups



Sometimes my mom buys a pint of chocolate ice cream.

Yard

A customary unit of length that equals 3 feet



A yard is about the same length as it is from the door knob to the floor.

Inch

A customary unit of length that is smaller than a foot.



I can use part of my finger to measure about an inch.

Foot

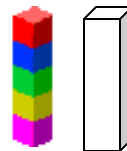
A customary unit of length that equals 12 inches



My arm is about a foot long.

Volume

The number of cubic units it takes to fill a solid.



The volume is 5 cubic units because it takes about 5 cubes to fill the solid.