Vocabulary Cards and Word Walls

The vocabulary cards in this file match the Common Core State Standards for Mathematics.

The vocabulary cards in this document are aligned to the Common Core State Standards for Mathematics. Each card has three sections:

- Section 1 is only the word. This is to be used as a visual aid in spelling and pronunciation. It is also used when students are writing their own “kid-friendly” definition and drawing their own graphic.
- Section 2 has the word and a graphic. This graphic is available to be used as a model by the teacher.
- Section 3 has the word, a graphic, and a definition. This is to be used for the Word Wall in the classroom.

Bibliography of Definition Sources:


*Adapted from the Utah Department of Education
The amount of matter in an object. Usually measured by comparing with an object of known mass. While gravity influences weight, it does not affect mass.
A baseball bat is about 1 meter long.

A standard unit of length in the metric system.
A system of measurement based on tens. The basic unit of capacity is the liter. The basic unit of length is the meter. The basic unit of mass is the gram.
minute (min)

One sixtieth of an hour or 60 seconds.
12 is a multiple of 3 (and of 4) because $3 \times 4 = 12$
The operation of repeated addition of the same number.

\[ 3 \times 5 = 5 + 5 + 5 \]
A diagram that represents numbers as points on a line.
The number written above the line in a fraction. It tells how many equal parts are described in the fraction.
Order of Operations

1. Do operations in parentheses.
2. Multiply and divide in order from left to right.
3. Add and subtract in order from left to right.

A set of rules that tells the order in which to compute.
parallel lines

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Lines that are always the same distance apart.
A quadrilateral with two pairs of parallel and congruent sides.
Parentheses are used in mathematics as grouping symbols for operations. When simplifying an expression, the operations within the parentheses are performed first.
A repeating or growing sequence or design. An ordered set of numbers or shapes arranged according to a rule.
pentagon

A polygon that has five sides.
perimeter

Perimeter = 4cm + 6cm + 4cm + 3cm
= 17cm

The distance around a figure.
A graph that uses pictures or symbols to show data.
place value

The value of the place of a digit in a number.
A two-dimensional figure.
p.m.

The time between 12:00 noon and 12:00 midnight.
The exact location in space represented by a dot.
A closed plane figure made by line segments.
The answer to a multiplication problem.

$5 \times 3 = 15$
A four sided polygon.
quarter hour

A unit of time worth 15 minutes.

15 minutes = 1 quarter hour
quotient

The answer to a division problem.
What is the product of 5 x 8?
A. 12  C. 40
B. 13  D. 58

I know that 5 times any number has a 0 or 5 digit in the ones place.
So, C is the only answer that makes sense.

An answer that is based on good number sense.
A quadrilateral with two pairs of congruent, parallel sides and four equal angles.
A polygon where all angles are right angles.
related facts

Related Facts for 3, 5, 8

3 + 5 = 8   8 - 5 = 3
5 + 3 = 8   8 - 3 = 5

Related addition and subtraction facts or related multiplication and division facts. Also called fact family.
In whole number division, when you have divided as far as you can without using decimals, what has not been divided yet is called the remainder.
A quadrilateral with all four sides equal in length.
To find the nearest ten, hundred, thousand, (and so on).
scale (on a graph)

Each square represents 2 votes.

Each picture represents 5 books.

The numbers that show the units used on a graph.
sequence

2, 5, 8, 11, 14, 17…

A set of numbers arranged in a special order or pattern.
Any of the line segments that form a polygon.
The parts you get when you divide something into six equal parts.
A parallelogram with four equal angles AND four equal sides.
A unit, such as square centimeter or square inch, used to measure area.
The common or usual way of writing a number using digits. Also called *base-ten numeral form*. 
An operation that gives the difference between two numbers. Subtraction can be used to compare two numbers, or to find out how much is left after some is taken away.
The answer to an addition problem.
The parts you get when you divide something into 3 equal parts.
A pattern of shapes repeated to fill a plane. The shapes do not overlap and there are no gaps.
A duration of a segment of time.
(elapsed time)
A quadrilateral with one pair of parallel sides and one pair of sides that are not parallel.
A polygon with three sides and three angles.
two-dimensional

Having length and width. Having area, but not volume. Also called a plane figure.
unit fraction

A fraction that has 1 as its numerator.
A point at which two or more sides of a geometric figure meet.

Vertices is plural of vertex.
The number of cubic units it takes to fill a figure.
Whole numbers are zero and the counting numbers 1, 2, 3, 4, 5, 6, and so on. If a number has a negative sign, a decimal point, or a part that's a fraction, it is not a whole number.
The word form of 12,345 is twelve thousand, three hundred forty-five.

A way of using words to write a number. Also called number names.
A door is about 1 yard wide.

A customary unit of length. 1 yard = 3 feet or 36 inches.
Zero Property of Multiplication

The product of any number and zero is zero.

\[ 8 \times 0 = 0 \]