

**place value**

**divisibility rules**

**multiplication**

**the relative worth of each digit in a number; determined by its position**

**a procedure to determine whether a whole number can be divided equally by another whole number without doing the division**

**the operation used with whole numbers to find the total number of things in a group**

**product**

**factor**

**division**

**the result of multiplication**

**a number being multiplied in a multiplication problem**

**the operation used to find how a total amount can be separated into an equal number of groups**

**divisor**

**dividend**

**quotient**

**the number that divides another number in a division problem**

**a number written in standard notation containing a decimal point**

**fractions that have different numerators and denominators but have the same amount**

**decimal**

**equivalent fractions**

**improper fraction**

**a number written in standard notation containing a decimal point**

**fractions that have different numerators and denominators but have the same amount**

**a fraction whose numerator is greater than or equal to its denominator**

**mixed number**

**numeric pattern**

**nonnumeric pattern**

**a number that is written using both  
a whole number and a fraction**

**a pattern that consists only of  
numbers**

**a pattern that consists of letters,  
symbols and/or pictures**

**repeating pattern**

**expression**

**equation**

**a pattern whose elements repeat in groups**

**a group of mathematical symbols (numbers, operations, variables, grouping symbols) that can represent a number**

**a mathematical statement that two expressions are equal**

**grouping symbols**

**variable**

**point**

**symbols such as parentheses ( ), brackets [ ], or braces { }, that indicate the order in which operations in an expression are to be done**

**a letter or symbol that represents a number**

**an exact location in space represented by a dot**

**line**

**line segment**

**ray**

**a straight, continuous, unending set of points**

**part of a line that has two endpoints**

**part of a line that starts at an endpoint and goes on forever in one direction**

**angle**

**polygon**

**quadrilateral**

**two rays with a common endpoint**

**a closed plane figure made up of  
three or more line segments**

**a polygon with four sides**

**parallelogram**

**square**

**rectangle**

**a quadrilateral in which both pairs of opposite sides are parallel**

**a quadrilateral with four right angles and four sides of equal length**

**a quadrilateral with opposite sides parallel and four right angles**

**trapezoid**

**rhombus**

**two-dimensional**

**a quadrilateral with exactly one  
pair of parallel sides**

**a parallelogram with all four sides  
the same length**

**having length and width**

**three-dimensional**

**face**

**cube**

**having length, width, and height**

**a flat surface of a solid figure**

**a solid figure that has six square faces of equal size**

**rectangular prism**

**cylinder**

**net**

**a solid figure whose base is a rectangle and whose faces are triangles**

**a solid with two circular faces that are the same shape and size and a cylindrical surface connecting the two faces**

**a flat pattern that can be folded to make a solid**

**transformation**

**translation**

**reflection**

**something done to a geometric figure that produces a new figure**

**a movement of a figure along a straight line; also called a slide**

**the flipping of a figure over a line so that its image is the mirror image of the original**

**rotation**

**congruent**

**coordinate grid**

**a movement of a figure around a fixed point or axis; also called a turn**

**having the same size and shape**

**a plane formed by two perpendicular number lines in which every point is assigned and ordered pair of numbers**

**quadrants**

**x-axis**

**y-axis**

**the four parts a plane is separated into by the x-axis and the y-axis**

**the horizontal number line in a coordinate grid**

**the vertical number line in a coordinate grid**

**ordered pair**

**right angle**

**acute angle**

**a pair of numbers that represent a point on the coordinate grid**

**an angle whose measure is equal to  $90^\circ$**

**an angle whose measure is less than  $90^\circ$**

**US Customary system**

**metric system**

**perimeter**

**a system of measurement using the units: inches for length, pounds for weight**

**a base ten system of measurement using the basic units: meter for length, gram for mass and liter for capacity**

**the distance around a figure**

**area**

**triangle**

**Celsius**

**the number of square units in a region**

**a polygon with three sides**

**the metric temperature scale**

**Fahrenheit**

**data**

**survey**

**the customary temperature scale**

**information, especially numerical;  
usually organized**

**a study that collects data**

**table**

**line graph**

**bar graph**

**organizes information into columns and rows**

**a graph in which data points are connected by line segments**

**a graph that uses horizontal or vertical bars to represent data**

**double bar graph**

**categorical data**

**numerical data**

**a graph that compares data using two pairs of rectangular bars drawn next to each other**

**data that can be organized in groups based on specified characteristics**

**data that can be ordered using numbers**

**probability**

**event**

**the chance of an event occurring;**

**a result of a probability  
experiment; classified as either  
certain, likely, unlikely, or  
impossible**