

Excel Math Glossary

Third Grade

Mathematical Term

[Lesson #] TE Page #

A



Acute Angle an angle measuring less than 90° [Lesson 138] **331**

AM (ante meridiem) time from 12 midnight up to but not including 12 noon.....[Lesson 112] **269**

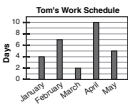
Arabic Numerals numbering system using numerals, based on place value[Lesson 85] **202**

Array an arrangement of objects in equal rows [Lesson 1] **2**

Area the size of an enclosed region, measured in square units.....[Lesson 72] **173**

Attribute a characteristic of an object such as color, size, shape, etc.[Lesson 8] **18**

B C



Bar graph a graph that uses the height or length of rectangles to compare data[Lesson 20] **46**

Bases faces that serve as the bottom of a solid figure.....[Lesson 139] **333**

Capacity potential to hold or contain something..... [Lesson 63] **150**

Celsius (C) temperature scale with 100 degrees between water freezing (0°) and boiling (100°). Anders Celsius (1701-1744), developed this scale. [Lesson 32] **76**

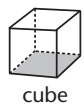
Centimeter (cm) metric unit of length equal to .01 of a meter; 1 cm = .4 inches..... [Lesson 50] **119**

Circumference perimeter of a circle..... [Lesson 119] **28**



Composite Number number with more than two factors [Lesson 144] **344**

Cone solid figure with 1 vertex, 1 curved edge, 1 circular base, and 1 curved surface..... [Lesson 69] **165**



Congruent Figures two figures with identical angles and sides of equal length..... [Lesson 120] **286**

Cube solid figure with 8 vertices, 12 straight edges and 6 congruent square flat faces..... [Lesson 69] **165**

Cup standard volume measurement; 1 cup = 8 ounces or .24 liters..... [Lesson 50] **119**

Cylinder solid figure with 2 curved edges, 2 circular bases and one curved surface. [Lesson 69] **165**

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D

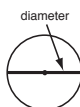
Decimal symbol used to separate whole numbers from parts of the whole; symbol used to separate dollar amounts from cents; math system based on 10 different digits. [Lesson 33] **79**

Deductive Reasoning logical process used in solving problems; begins with evidence and draws a conclusion. [Lesson 25] **59**

Denominator portion of a fraction written below the line; refers to the total number of parts into which a whole number is divided [Lesson 66] **159**



Diagonal straight line connecting two nonadjointing vertices of a polygon..... [Lesson 129] **309**



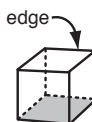
Diameter straight line across a circle, that goes directly through its center..... [Lesson 119] **285**

Divide process of splttng a number into equal parts [Lesson 58] **138**

Divisor the quantity by which the dividend is divided [Lesson 101] **243**

Dollar Symbol symbol that means US dollars; “\$”; 1 dollar = 100 cents. [Lesson 33] **79**

E



Edge where two faces meet on a solid figure; may be flat or curved [Lesson 141] **339**

Equation number sentence that includes an equal = symbol [Lesson 21] **51**



Equilateral Triangle triangle with all 3 sides of the same length [Lesson 139] **333**

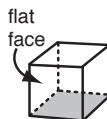
Equivalent Change money amounts that have the same value, but are composed of different coins; \$.95 is equivalent to 3 quarters and 2 dimes, or 9 dimes and 1 nickel. [Lesson 44] **105**

Equivalent Fractions fractions that have the same value, but are expressed with different numbers; 4/8 is equivalent to 2/4 and 1/2 [Lesson 148] **355**

Estimate quick process of finding a number close to the exact anwer [Lesson 60] **142**

Even Numbers numbers that can be divided into two equal groups. [Lesson 63] **151**

F



Face plane figure that makes up one side of a solid figure. [Lesson 141] **339**

Fact Family related addition and subtraction or multiplication and division facts involving the same numbers. [Lesson 45] **107**

Factor number that divides evenly into another number. [Lesson 46] **111**



Fahrenheit (F) temperature scale; 180 degrees between water freezing (32°) and boiling (212°) points. Daniel Fahrenheit (1686-1736), developed the mercury thermometer and this scale. [Lesson 32] **77**

Flip movement of a figure over a line that results in a mirror image or reflection. [Lesson 120] **287**

Foot (ft) standard length measurement; 1 foot = 12 inches [Lesson 50] **119**

Formula mathematical statement/rule used in calculations..... [Lesson 124] **297**

Fraction used to describe the relationship of one portion of a group to a whole that has been divided into several equal parts..... [Lesson 54] **129**

GH

Gallon (gal) volume measurement; one US gallon = 128 ounces or 3.8 liters [Lesson 50] **119**

Greater Than number of higher or larger value than another number; symbol is ">" [Lesson 4] **9**

Greatest Common Factor the greatest value in the set that contains the factors of two or more numbers [Lesson 143] **343**

Hexagon polygon with exactly six sides..... [Lesson 106] **255**

I

Inch (in) standard length measurement; 1 inch = 25.4 mm [Lesson 50] **119**

Inequalities number sentences that are not equations [Lesson 38] **90**

Intersecting Lines lines that cross at some point..... [Lesson 128] **307**

Isosceles Triangle triangle which exactly 2 sides of the same length [Lesson 139] **333**



isosceles triangle

J K L

Kilogram (kg) metric weight measurement; 1 kg = 2.2 pounds..... [Lesson 62] **149**

Kilometer (km) metric length measurement; 1 km = .62 miles..... [Lesson 50] **119**

Length distance from one point to another..... [Lesson 32] **76**

Less Than number is of smaller or lesser value than another number; symbol is "<" [Lesson 4] **9**

Line two-dimensional straight path extending in both directions without end..... [Lesson 56] **135**

Line Segment portion of a line with two endpoints [Lesson 56] **135**

Line of Symmetry line dividing a figure so each half is a mirror image of the other..... [Lesson 55] **131**

Liter (l) metric volume measurement, 1 liter = .2642 gallons [Lesson 50] **119**

line segment

MN

Meter (m) a metric length measurement, 1 meter = 1.09 yards [Lesson 50] **119**

Mile (mi) a standard length/distance measurement, 1 mile = 1.6 kilometers [Lesson 50] **119**

Month period of time based on rotation of the moon around the earth; 28-31 days in a month and 12 months in a year (other calendars may vary) [Lesson 27] **65**

Multiple product of two whole numbers [Lesson 51] **123**

Multiplicand number that is multiplied by another number [Lesson 24] **57**

Multiplier number by which another number is multiplied [Lesson 24] **57**

Numerator top portion of a fraction; how many parts of the whole there are[Lesson 15] **35**

O



Obtuse Angle an angle that measures more than 90° and less than 180° [Lesson 78] **187**

Octagon a polygon with exactly eight sides.....[Lesson 58] **139**

Odd Numbers numbers that cannot be divided into two equal groups[Lesson 17] **41**

Order of Operations sequence followed in a number sentence to get the correct result when performing addition, subtraction, multiplication or division.....[Lesson 34] **81**

Ordinal Numbers whole number indicating position in a sequence: first, second, etc... [Lesson 3] **6**

Ounce (oz) standard weight measurement [Lesson 29] **69**

P



Parallel Lines lines that never cross, no matter how far they are extended [Lesson 128] **307**

Parallelogram quadrilateral where the opposite sides are parallel[Lesson 106] **255**

Parentheses symbols used to group values together within a number sentence to show the order that operations are performed; “()” [Lesson 107] **257**

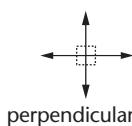


Pattern regularly repeated arrangement of letters, numbers, shapes, etc[Lesson 77] **185**

Pentagon polygon with exactly five sides.....[Lesson 106] **255**

Percent ratio that compares a number to 100, the symbol % is used [Lesson 149] **356**

Perimeter distance around a closed figure..... [Lesson 86] **207**



Perpendicular Lines intersecting lines that form right angles (90°) where they cross ..[Lesson 128] **307**

Pint (pt) standard volume measurement..... [Lesson 50] **119**

PM (post meridiem) time from 12 noon up to but not including 12 midnight.....[Lesson 112] **269**

Polygon plane figure made up of 3 or more straight lines.....[Lesson 106] **255**

Pound (lb) standard weight measurement..... [Lesson 62] **149**

Prime Factor factor that is also a prime number..... [Lesson 144] **345**

Prime Number number that has itself and one as its only factors[Lesson 144] **345**

Probability the likelihood that an event will occur..... [Lesson 5] **11**

Product number obtained by multiplying two or more numbers together [Lesson 39] **92**

Q

Quadrilateral a polygon with 4 sides [Lesson 106] **255**

Quart (qt) a standard volume measurement..... [Lesson 63] **151**

Quotient number resulting from a dividend being divided by a divisor [Lesson 93] **222**

R



Radius a straight line from the center of the circle to any point on the circle..... [Lesson 119] **285**

Ray a line with one endpoint..... [Lesson 138] **331**

Rectangular Prism solid figure with 8 vertices, 12 straight edges and a total of 6 rectangular flat faces, one of which is the base [Lesson 141] **339**



rectangular pyramid

Rectangular Pyramid solid figure with 5 vertices, 8 straight edges, 4 triangular flat faces and 1 rectangular base..... [Lesson 141] **339**

Reflection movement of a figure over a line that results in a mirror image, see flip..... [Lesson 120] **287**

Remainder amount left over when one number is divided by another [Lesson 93] **222**

Rhombus a parallelogram with four equal sides and opposite angles that are equal [Lesson 106] **254**



right angle

Right Angle angle that measures exactly 90° [Lesson 41] **99**

Roman Numerals Numerical symbols system created by the ancient Romans. It uses letters rather than numbers, and is not based on place value [Lesson 85] **202**

Rotate to move or turn a figure around a point, see turn..... [Lesson 120] **287**

Arabic	1	2	3	4	5	6	7	8	9	10	50	100	500	1,000
Roman	I	II	III	IV	V	VI	VII	VIII	IX	X	L	C	D	M

Rounding replacing an exact number with an estimate [Lesson 60] **143**

S



scalene triangle

Scalene Triangle a triangle where all three sides are of different lengths. [Lesson 139] **333**

Similar Figures— two figures having the same proportions but not the same size..... [Lesson 120] **287**



sphere

Slide— when a figure moves without changing its appearance, see translation..... [Lesson 120] **287**

Sphere solid figure where all points on the surface are equidistant from the center [Lesson 69] **165**

Square a parallelogram with 4 congruent sides and 4 congruent angles..... [Lesson 8] **19**

Square Pyramid solid figure with a total of 5 vertices, 8 straight edges, 4 triangular faces and a square base. [Lesson 141] **339**

Square units square (or group of squares) with a side of one unit of length, which are laid on top of an object to measure its area [Lesson 68] **163**

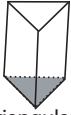
Surface area the sum of the areas of all the faces of a three-dimensional figure..... [Lesson 149] **357**

T U V

Three-Dimensional Figures figures with length, width and height; they are “solid” ... [Lesson 40] **95**

Ton standard weight measurement, see M35. [Lesson 29] **69**

Translation when a figure moves without changing its appearance, see slide. [Lesson 60] **143**



Trapezoid quadrilateral with one pair of parallel sides[Lesson 106] **254**

triangular prism

Triangular Prism solid figure with 6 vertices, 6 straight edges, 3 rectangular flat faces and 2 triangular flat faces.....[Lesson 141] **339**



triangular pyramid

Triangular Pyramid a three-dimensional figure with 4 vertices, 6 straight edges, and 4 triangular flat faces.....[Lesson 141] **339**

Turn to rotate a figure around a point, see rotate..... [Lesson 120] **287**

vertex

Two-Dimensional Figures figures with only length and width; they are “flat”[Lesson 69] **164**



Vertex where at least three straight edges (solid figures) or two straight lines (flat figures) meet; plural is vertices [Lesson 138] **331**

Volume measurement of the amount of space occupied by material[Lesson 50] **119**

W X Y Z

Week period of time consisting of 7 days[Lesson 26] **63**

Weight measurement that describes how heavy an object is[Lesson 32] **77**

Yard (yd) standard length measurement; 3 feet or 36 inches or .9 meters..... [Lesson 50] **119**

Year period of time for rotation of the earth around the sun; 365-366 days or 12 months....[Lesson 27] **65**

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