**English 4th Grade M-Z**

**Vocabulary Cards and Word Walls**

**Revised: 1/13/14**

**Important Notes for Teachers:**

* The vocabulary cards in this file match the Common Core, the math curriculum adopted by the Utah State Board of Education, August 2010.
* The cards are arranged alphabetically.
* 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. For more information on using a Word Wall for Daily Review – see “Vocabulary – Word Wall Ideas” on this website.
* These cards are designed to help all students with math content vocabulary, including ELL, Gifted and Talented, Special Education, and Regular Education students.

For possible additions or corrections to the vocabulary cards, please contact the Granite School District Math Department at 385-646-4239.

Bibliography of Definition Sources:

Algebra to Go, Great Source, 2000. ISBN: 0-669-46151-8

Math on Call, Great Source, 2004. ISBN-13: 978-0-669-50819-2

Math at Hand, Great Source, 1999. ISBN: 0-669-46922

Math to Know, Great Source, 2000. ISBN: 0-669-47153-4

Illustrated Dictionary of Math, Usborne Publishing Ltd., 2003. ISBN: 0-7945-0662-3

Math Dictionary, Eula Ewing Monroe, Boyds Mills Press, 2006. ISBN: 13: 978-1-59078-413-6

Oxford Illustrated Math Dictionary, 2012. ISBN: 978-0-19-407128-4

Student Reference Books, Everyday Mathematics, 2007.

Houghton-Mifflin eGlossary, http://[www.eduplace.com](http://www.eduplace.com)

Interactive Math Dictionary, http://www.amathsdictionaryforkids.com/

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| **mass** | | | | | | | | | | | | | | | | | | |
| **mass** | | | | | | | | | | http://www.teachingideas.co.uk/_siteimages/thistlepics/mathsc11measure.gif | | | | | | | | |
| **mass** | | http://www.teachingideas.co.uk/_siteimages/thistlepics/mathsc11measure.gif | | | | | | | | | | 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. | | | | | | |
| **meter (m)** | | | | | | | | | | | | | | | | | | |
| **meter (m)** | | | | | | | | | | **A baseball bat is *about* 1 meter long.** | | | | | | | | |
| **meter (m)** | | | | **A baseball bat is *about* 1 meter long.** | | | | | | | | | | | | | A standard unit  of length in the  metric system. | |
| **metric system** | | | | | | | | | | | | | | | | | | |
| **metric system** | | | | | | gram measuring scale | | | | | | | | | | | | |
| **metric system** | | | | gram measuring scale | | | | | | | | | | | 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. | | | |
| **mile** | | | | | | | | | | | | | | | | | | |
| **mile** | | | | | | | C:\Documents and Settings\dprigdon\Desktop\clip art\amusement park(2).jpg  **Two times around the average roller coaster is *about* 1 mile.** | | | | | | | | | | | |
| **mile** | **C:\Documents and Settings\dprigdon\Desktop\clip art\amusement park(2).jpg**  **Two times around the average roller coaster is *about* 1 mile.** | | | | | | | | | | | | | | | | | A customary unit  of length.  1 mile = 5,280 feet |
| **milliliter (mL)** | | | | | | | | | | | | | | | | | | |
| **milliliter (mL)** | | | | | | | | http://www.classicmdm.com/newsite1/components/com_virtuemart/shop_image/product/5ml_Medicine_Dro_4a19b3078e1f3.jpg**This holds about 10 drops or 1 milliliter.** | | | | | | | | | | |
| **milliliter**  **(mL)** | | | | | **http://www.classicmdm.com/newsite1/components/com_virtuemart/shop_image/product/5ml_Medicine_Dro_4a19b3078e1f3.jpgThis holds about 10 drops or 1 milliliter.** | | | | | | | | | | | A metric unit of capacity.  1,000 milliliters = 1 liter | | |
| **millimeter (mm)** | | | | | | | | | | | | | | | | | | |
| **millimeter (mm)** | | | | | | | | | **The dot on a ladybug is *about***  **1 millimeter wide.** | | | | | | | | | |
| **millimeter (mm)** | | | **The dot on a ladybug is *about***  **1 millimeter wide.** | | | | | | | | | | A metric unit of length.  1,000 millimeters = 1 meter | | | | | |
| **minute (min)** | | | | | | | | | | | | | | | | | | |
| **minute**  **(min)** | | | | | | | | | | | http://images.hayneedle.com/mgen/master:HMI231.jpg | | | | | | | |
| **minute (min)** | | | | http://images.hayneedle.com/mgen/master:HMI231.jpg | | | | | | | | | | A unit used to measure a short amount of time; there are 60 minutes  in one hour. | | | | |

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| **mixed number** | | | |
| **mixed number** | | **3**  **7**  **3** | |
| **mixed number** | **3**    **3**  **7** | | A number that has  a counting number  and a fraction. |

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| **month** | | | |
| **month** | | **September is the ninth month of the year.** | |
| **month** | **September is the ninth month of the year.** | | A length of time equal to  28, 30, or 31 days.  12 months = 1 year |

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| **multiple** | | | | | | | |
| **multiple** | | | | C:\Users\aosness\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\NQC7GRR7\MC900014089[1].wmf **Multiples of**  **3, 6, 9, 12, 15, 18, 21 …** | | | |
| **multiple** | C:\Users\aosness\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\NQC7GRR7\MC900014089[1].wmf  **Multiples of**  **3, 6, 9, 12, 15, 18, 21 …** | | | | | The product of  a whole number  and any other  whole number. | |
| **multiplicative comparison** | | | | | | |
| **multiplicative**  **comparison** | | | **Amy had 5 baseball cards. Jeff had 3 times**  **as many cards as Amy. How many**  **baseball cards did they have altogether?** | | | |
| **multiplicative comparison** | | **Amy had 5 baseball cards. Jeff had 3 times as many cards as Amy. How many baseball cards did they have altogether?** | | | Compare by asking  or telling how many times more one amount is than another. e.g., 3 times  as many as | |

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| **Multiplicative Identity Property of 1** | | | |
| **Multiplicative Identity**  **Property of 1** | | **1 group of 3 = 3**  **1 × 3 = 3** | |
| **Multiplicative Identity Property of 1** | **1 group of 3 = 3**  **1 × 3 = 3** | | Multiplying a factor  by one gives a  product identical  to the given factor. |

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| **multiply** | | | |
| **multiply** | | **3 × 5 = 5 + 5 + 5** | |
| **multiply** | **3 × 5 = 5 + 5 + 5** | | The operation of  repeated addition of  the same number. |

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| **number line** | | | |
| **number line** | |  | |
| **number line** |  | | A diagram that represents numbers as points on a line. |

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| **number name** | | | | | | | | | |
| **number name** | | | | **The number name of**  **12,345**  **is twelve thousand,**  **three hundred**  **forty-five.** | | | | | |
| **number name** | | **The number name of 12,345**  **is twelve thousand,**  **three hundred**  **forty-five.** | | | | | | A way of using words to write a number.  (also known as word form) | |
| **numerator** | | | | | | | | | |
| **numerator** | | | | | * Equal parts described in fraction * Equal parts   in the whole | | | | |
| **numerator** | * Equal parts described in fraction * Equal parts   in the whole | | | | | | | | The number written above the line in  a fraction. It tells  how many equal parts  are described  in the fraction. |
| **obtuse angle** | | | | | | | | | |
| **obtuse angle** | | | | | |  | | | |
| **obtuse angle** | | |  | | | | An angle with a measure greater than 90º  but less than 180º. | | |

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| **obtuse triangle** | | | |
| **obtuse triangle** | |  | |
| **obtuse triangle** |  | | A triangle that contains  1 angle with a measure greater than 90º (obtuse angle)  and 2 acute angles. |

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| **octagon** | | | |
| **octagon** | |  | |
| **octagon** |  | | A polygon with  8 sides. |

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| **ones** | | | |
| **ones** | | |  |  |  | | --- | --- | --- | | **Hundreds** | **Tens** | **Ones** | | **2** | **4** | **3** | | |
| **ones** | |  |  |  | | --- | --- | --- | | **Hundreds** | **Tens** | **Ones** | | **2** | **4** | **3** | | | The value of a digit that is farthest to the right when describing whole number place value. |

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| **order** | | | |
| **order** | | **In order from least to greatest.** | |
| **order** | **In order from least to greatest.** | | A sequence or arrangement of things. To order fractions, compare two fractions at a time. |

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| **Order of Operations** | | | | | | |
| **Order of Operations** | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\7XHS7M00\MC900432579[1].png  **Order of Operations**   1. **Do operations in parentheses.** 2. **Multiply and divide in order**   **from left to right.**   1. **Add and subtract in order**   **from left to right.** | | | |
| **Order of Operations** | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\7XHS7M00\MC900432579[1].png  **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. |
| **ounce (oz)** | | | | | | |
| **ounce (oz)** | | | | **A strawberry weighs *about* 1 ounce.** | | |
| **ounce (oz)** | | **A strawberry weighs *about* 1 ounce.** | | | A customary unit of weight equal to one sixteenth of a pound. 16 ounces = 1 pound | |

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| **p.m.** | | | |
| **p.m.** | | **12:00 P.M. 3:30 P.M. 7:45 P.M. 12:00 A.M.**  **noon half past 3 a quarter to 8 midnight** | |
| **p.m.** | **12:00 P.M. 3:30 P.M. 7:45 P.M. 12:00 A.M.**  **noon half past 3 a quarter to 8 midnight** | | The time between  12:00 noon and  12:00 midnight. |

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| **parallel lines** | | | |
| **parallel**  **lines** | |  | |
| **parallel lines** |  | | Lines that are always the same distance apart. They do not intersect. |

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| **parallelogram** | | | |
| **parallelogram** | |  | |
| **parallelogram** |  | | A quadrilateral  with 2 pairs of  parallel and  congruent sides. |

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| **parentheses** | | | |
| **parentheses** | | **(2 + 3) × 4**  **5 × 4**  **20** | |
| **parentheses** | **(2 + 3) × 4**  **5 × 4**  **20** | | Used in mathematics as grouping symbols for operations. When simplifying an expression, the operations within the parentheses are performed first. |

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| **partial product** | | | | |
| **partial product** | | **partial productss**  **3**  **12**  **90**  **80**  **600**  **+**  **20**  **4**  **+**  **30**  **34**  **× 23**  **600**  **80**  **90**  **+ 12**  **782**    **23 × 34 = 782** | | |
| **partial product**  **20** | **partial products**  **+**  **+**  **3**  **30**  **4**  **90**  **600**  **80**  **12**  **23 × 34 = 782**  **34**  **× 23**  **600**  **80**  **90**  **+ 12**  **782** | | | A method of multiplying in  which the value  of each digit in a factor is multiplied  separately, and then the partial products are added together. |
| **partial quotient** | | | | |
| **partial quotient**  **a**  **6)152**  **-120 20**  **32**  **- 30­\_ + 5**  **2 25** | | **partial quotients**  **Remainder Quotient**  **a**  **6)152**  **-120 20**  **32**  **- 30­\_ + 5**  **2 25** | | |
| **partial quotient** | **partial quotients**  **Remainder Quotient** | | A method of dividing  in which multiples of  the divisor are subtracted from the dividend, and  then the partial quotients  are added together. | |

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| **partitive division**  **(sharing division)** | | | | | | | | | | |
| **partitive division**  **(sharing division)** | | | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpg    **Justin has 12 balloons. He wants to share them evenly among 3 friends. How many balloons should he give each friend? 12 ÷ 3 = 4** | | | | | |
| **partitive division**  **(sharing division)** | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900436167[1].pngC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpg    **Justin has 12 balloons. He wants to share them evenly among 3 friends. How many balloons should he give each friend? 12 ÷ 3 = 4** | | | | | A division problem where the number of objects in each group is unknown.  *How many in*  *each group?* | | |
| **pattern** | | | | | | | | | | | |
| **pattern** | | | | **1+4 5+4 9+4 13**  **The pattern is all odd numbers.**  **It follows the rule “add 4.”** | | | | | | | |
| **pattern**  **1+4 5+4 9+4 13** | **The pattern is all odd numbers.**  **It follows the rule “add 4.”** | | | | | | | | A repeating or growing sequence. An ordered set of numbers arranged according to a rule. | | |
| **pattern** | | | | | | | | | |
| **pattern** | | | | | |  | | | |
| **pattern** | |  | | | | | A repeating or growing sequence or design. An ordered set of numbers or shapes arranged according to a rule. | | |

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| **pentagon** | | | |
| **pentagon** | |  | |
| **pentagon** |  | | A polygon with 5 sides. |

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| **perimeter** | | | | | | | | | | | | | | |
| **perimeter** | | | | | | **6 cm**  **3 cm**  **4 cm**  **4 cm**  **Perimeter = 4 cm + 6 cm + 4 cm + 3 cm**  **= 17 cm** | | | | | | | | |
| **perimeter** | | | **6 cm**  **3 cm**  **4 cm**  **4 cm**  **Perimeter = 4 cm + 6 cm + 4 cm + 3 cm**  **= 17 cm** | | | | | | | | | | | The distance around the outside of a figure. |
| **period** | | | | | | | | | | | | | | |
| **period** | | | | | | | **Periods** | | | | | | | |
| **period** | | | http://www.eduplace.com/math/mw/background/4/01/graphics/ts_4_1_wi-2.gif  **Periods** | | | | | | | | | | In a large number, periods are groups of 3 digits separated by commas or by spaces. | |
| **perpendicular lines** | | | | | | | | | | | | | | |
| **perpendicular**  **lines** | | | | | | | | |  | | | | | |
| **perpendicular**  **lines** | | | | |  | | | | | | | Two intersecting lines that form right angles. | | |
| **pint (pt)** | | | | | | | | | | | | | | |
| **pint (pt)** | | | | | | | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\UJ4JC6ZJ\MC900112498[1].wmf  **The orange juice carton holds 1 pint.** | | | | | |
| **pint (pt)** | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\UJ4JC6ZJ\MC900112498[1].wmf  **The orange juice carton holds 1 pint.** | | | | | | | | | | A customary unit  of capacity.  1 pint = 2 cups | |
| **place value** | | | | | | | | | | | | | | |
| **place**  **value** | | | | | | | | http://www.eduplace.com/math/mw/background/4/01/graphics/ts_4_1_wi-2.gif | | | | | | |
| **place value** | | http://www.eduplace.com/math/mw/background/4/01/graphics/ts_4_1_wi-2.gif | | | | | | | | | The value of the place  of a digit in a number. | | | |
| **point** | | | | | | | | | | | | | | |
| **point** | | | |  | | | | | | | | | | |
| **point** |  | | | | | | | | | The exact location in space represented by a dot. | | | | |

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| **polygon** | | | |
| **polygon** | | **3 + sides** | |
| **polygon** | **3 + sides** | | A closed plane figure  made by line segments. |

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| **pound (lb)** | | | | | | | | | | |
| **pound (lb)** | | | | | | **A loaf of bread weighs *about* 1 pound.** | | | | |
| **pound (lb)** | | | **A loaf of bread weighs *about* 1 pound.** | | | | | | A customary unit  of weight.  1 pound = 16 ounces | |
| **prime number** | | | | | | | | | | |
| **prime number** | | | | | | **1 × 5 = 5**  **5 is a prime number.** | | | | |
| **prime number** | | **1 × 5 = 5**  **5 is a prime number.** | | | | | A whole number greater than 0 that has exactly two different factors,  1 and itself. | | | |
| **product** | | | | | | | | | | |
| **product** | | | | | | **5 × 3 = 15** | | | | |
| **product**  **5 × 3 = 15** |  | | | | | | | | | The answer to  a multiplication problem. |
| **protractor** | | | | | | | | | | |
| **protractor** | | | | | http://etc.usf.edu/clipart/46300/46306/46306_protractor_lg.gif | | | | | |
| **protractor** | | | | **http://etc.usf.edu/clipart/46300/46306/46306_protractor_lg.gif** | | | | A tool used to measure and draw angles. | | |

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| **quadrilateral** | | | |
| **quadrilateral** | |  | |
| **quadrilateral** |  | | A polygon  with 4 sides. |

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| **quart (qt)** | | | | | | | | | | | | |
| **quart (qt)** | | | | | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\LIWLN17K\MC900300075[1].wmf  **The milk carton holds**  **1 quart.** | | | | | |
| **quart (qt)** | | **The milk carton holds 1 quart.** | | | | | | | A customary unit  of capacity.    1 quart = 2 pints  or  1 quart = 4 cups | | | |
| **quotative division**  **(measurement division)** | | | | | | | | | | | | | | |
| **quotative division**  **(measurement division)** | | | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpg    **Justin has 12 balloons. If he gives 3 balloons to each friend, how many friends will get balloons? 12 ÷ 3 = 4** | | | | | | | | | |
| **quotative division**  **(measurement division)** | | | | C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpgC:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\X11G0LG3\MP900384807[1].jpg    **Justin has 12 balloons. If he gives 3 balloons to each friend, how many friends will get balloons? 12 ÷ 3 = 4** | | | | | | | A division problem where the number of groups is unknown.  *How many groups?* | | | |
| **quotient** | | | | | | | | | | | | |
| **quotient** | | | | | | | **7 56**  **8** | | | | | |
| **quotient** | **8**  **7 56** | | | | | | | | | The answer to a division problem. | | |
| **ray** | | | | | | | | | | | | |
| **ray** | | | | | | |  | | | | | |
| **ray** |  | | | | | | | A part of a line that  has one endpoint and goes on forever in  one direction. | | | | |
| **reasonableness** | | | | | | | | | | | | | |
| **reasonableness** | | | | | | C:\Documents and Settings\dprigdon\Desktop\clip art\girl holding a light bulb smiling.jpg  **What is the product of 57 and 34?**   1. **1,938 C. 5,738** 2. **3,208 D. 8,698**   **Use estimation**  **to eliminate unreasonable choices.**  **60 × 30 =1,800**  **B, C, and D are not close to 1,800.**  **The answer is A.** | | | | | | | |
| **reasonableness**  **What is the product of 57 and 34?**   1. **1,938 C. 5,738** 2. **3,208 D. 8,698** | | | **C:\Documents and Settings\dprigdon\Desktop\clip art\girl holding a light bulb smiling.jpg**  **Use estimation to eliminate unreasonable choices.**  **60 × 30 = 1,800**  **B, C, and D are not close to 1,800.**  **The answer is A.** | | | | | | | | | An answer  that is based  on good number sense. | |

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| **rectangle** | | | |
| **rectangle** | |  | |
| **rectangle** |  | | A quadrilateral with  2 pairs of congruent, parallel sides and  4 right angles. |

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| **regroup** | | | |
| **regroup** | | **Regroup 18 ones as 1 ten and 8 ones.** | |
| **regroup** | **Regroup 18 ones as 1 ten and 8 ones.** | | To rearrange the  formation of a group. |

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| **regular polygon** | | | |
| **regular polygon** | |  | |
| **regular polygon** |  | | A polygon with all sides the same length and all angles  the same measure. |

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| **related facts** | | | | | | | |
| **related**  **facts** | | | **Related Facts for 3, 5, 8**  **3 + 5 = 8 8 – 5 = 3**  **5 + 3 = 8 8 – 3 = 5** | | | | |
| **related**  **Related Facts for 3, 5, 8**  **facts** | **3 + 5 = 8 8 – 5 = 3**  **5 + 3 = 8 8 – 3 = 5** | | | | Related addition and subtraction facts or related multiplication and division facts.  (also known as  fact family) | | |
| **remainder** | | | | | | |
| **remainder** | | | | **There are 32 students going on**  **a field trip. Each chaperone**  **can supervise 5 students.**  **How many chaperones are needed?**  **32 ÷ 5 = 6 r2**  **7 chaperones are needed.** | | |
| **remainder** | | **There are 32 students going on**  **a field trip. Each chaperone**  **can supervise 5 students.**  **How many chaperones are needed?**  **32 ÷ 5 = 6 r2**  **7 chaperones are needed.** | | | | The amount left over when one number is divided by another. |

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| **repeated subtraction** | | | | | | |
| **repeated subtraction** | | | | **I can subtract**  **3 equal groups of 4 from 12.**    **12 – 4 = 8**  **8 – 4 = 4**  **4 – 4 = 0** | | |
| **repeated subtraction** | | **C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\R8HN35S6\MC900357981[1].wmf**  **I can subtract 3 equal groups of 4 from 12.**  **12 – 4 = 8**  **8 – 4 = 4**  **4 – 4 = 0** | | | | Subtracting equal  groups to find the  total amount  of groups. |
| **rhombus** | | | | | | |
| **rhombus** | | |  | | | |
| **rhombus** |  | | | | A quadrilateral with all  4 sides equal in length. | |

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| **right angle** | | | | | | | | | | | | |
| **right**  **angle** | | | | | | |  | | | | | |
| **right**  **angle** | |  | | | | | | An angle that  measures exactly 90º. | | | | |
| **right triangle** | | | | | | | | | | | | |
| **right triangle** | | | | | | |  | | | | | |
| **right triangle** | |  | | | | | | | A triangle that has  one 90º angle. | | | |
| **round a whole number** | | | | | | | | | | | | |
| **round a**  **whole number** | | | | | | | **40**  **50**  **43** | | | | | |
| **round a**  **whole number** | | | | **40**  **50**  **43** | | | | | | | To find the nearest ten, hundred, thousand,  (and so on). | |
| **scalene triangle** | | | | | | | | | | | | |
| **scalene triangle** | | | | | | |  | | | | | |
| **scalene triangle** | |  | | | | | | | A triangle that has  no equal sides. | | | |
| **second (sec)**  **(unit of time)** | | | | | | | | | | | | |
| **second (sec)**  **(unit of time)** | | | | | | **http://dclips.fundraw.com/zobo500dir/orologio_da_parete_archi_01.jpg**  **60 seconds = 1 minute** | | | | | | |
| **second (sec)**  **(unit of time)** | | | **http://dclips.fundraw.com/zobo500dir/orologio_da_parete_archi_01.jpg**  **60 seconds = 1 minute** | | | | | | | A unit used to measure a very short amount of time; there are 60 seconds  in one minute. | | |
| **sequence** | | | | | | | | | | | | |
| **sequence** | | | | | **2, 5, 8, 11, 14, 17…**  **What is the pattern?** | | | | | | | |
| **sequence** | **2, 5, 8, 11, 14, 17…**  **What is the pattern?** | | | | | | | | | | | A set of numbers arranged in a special order or pattern. |

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| **simplest form** | | | |
| **simplest form** | | **in simplest form is .** | |
| **simplest form**  **in simplest form is** **.** |  | | When a fraction is expressed with the fewest possible pieces,  it is in simplest form. (also known as  lowest terms) |
| **simplify** | | | |
| **simplify** | |  | |
| **simplify** |  | | To express a fraction  in simplest form. |

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| **square** | | | |
| **square** | |  | |
| **square** |  | | A parallelogram with  4 equal angles  AND 4 equal sides. |

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| **square unit** | | | | | | |
| **square**  **unit** | | | **4 square units**  **2 square units**  **1 square unit**   |  | | --- | |  |  |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | | | | |
| **square unit**  **4 square units**  **2 square units**  **1 square unit** | |  | | --- | |  |  |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | | | | | | A unit, such  as square centimeter or square inch, used  to measure area. |
| **standard form** | | | | | | |
| **standard**  **form** | | | | **12,345** | | |
| **standard form** | | **12,345** | | | A common or usual way of writing a number using digits.  (also known as  base-ten  numeral form) | |

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| **straight angle** | | | |
| **straight angle** | |  | |
| **straight angle** |  | | An angle that  measures exactly 180º. |

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| **subtract** | | | | | |
| **subtract** | | **8 pounds**  **3 pounds**  **?**  **8 – 3 = 5**  **8 – 3 = 5** | | | |
| **subtract** | **8 – 3 = 5**  **8 – 3 = 5** | | | | 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. |
| **sum** | | | | | |
| **sum** | | | **453 + 929 = 1,382**  **sum** | | |
| **sum** | **453 + 929 = 1,382**  **sum** | | | The answer to an addition problem. | |

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| **tens** | | | |
| **tens** | | |  |  |  | | --- | --- | --- | | **Hundreds** | **Tens** | **Ones** | | **2** | **4** | **3** | | |
| **tens** | |  |  |  | | --- | --- | --- | | **Hundreds** | **Tens** | **Ones** | | **2** | **4** | **3** | | | The value of a digit that is  the second position from  the right when describing whole number place value. |

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| **tenth** | | | |
| **tenth** | |  | |
| **tenth** |  | | One of the equal parts when a whole  is divided into 10 equal parts. |

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| **tenths** | | | | | | |
| **tenths** | | | | **4.3** | | |
| **tenths** | | **4.3** | | | | In the decimal numeration, tenths is  the name of the place  to the right of the decimal point. |
| **term** | | | | | | |
| **term** | | | | **3, 5, 7, 9…**  **terms** | | |
| **term** | | **3, 5, 7, 9…**  **terms** | | | | A component of  a sequence.  A term in a sequence  is any number  in that sequence. |
| **thousands** | | | | | | | |
| **thousands** | | | **http://www.homeschool-nasco.com/prod/images/products/69/AC018310.jpg** | | | | |
| **thousands** | **http://www.homeschool-nasco.com/prod/images/products/69/AC018310.jpg** | | | | The value of a digit that is the fourth position from the right when describing whole number place value. | | |

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| **time interval** | | | |
| **time**  **interval** | | D:\Clipart\Classroom\supplies school\22109622.jpg | |
| **time**  **interval** | **D:\Clipart\Classroom\supplies school\22109622.jpg** | | A duration of a  segment of time.  (also known as  elapsed time) |

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| **ton (T)** | | | | |
| **ton (T)** | | **C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\OPLSDV12\MP900438719[2].jpg**  **A small car weighs about 1 ton.** | | |
| **ton (T)** | **C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\OPLSDV12\MP900438719[2].jpg**  **A small car weighs about 1 ton.** | | | A customary unit of weight.  1 ton (T) = 2,000 pounds  A metric ton (t) is a unit of mass equal to 1,000 kilograms (about 2,200 pounds). |
| **trapezoid** | | | | |
| **trapezoid** | |  | | |
| **trapezoid** |  | | | A quadrilateral with  1 pair of parallel sides  and 1 pair of sides  that are not parallel. |
| **triangle** | | | | |
| **triangle** | |  | | |
| **triangle** |  | | A polygon with 3 sides  and 3 angles. | |

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| **two-dimensional**  **figure** | | | | | | |
| **two-**  **dimensional**  **figure** | | | |  | | |
| **two-**  **dimensional**  **figure** | |  | | | A plane, flat figure  that has length  and width. | |
| **unit fraction** | | | | | | |
| **unit**  **fraction** | | | |  | | |
| **unit fraction** |  | | | | | A fraction that has 1 as its numerator. A unit fraction names 1 equal part of a whole. |
| **unlike denominators** | | | | | | |
| **unlike denominators** | | | |  | | |
| **unlike denominators** | | |  | | | Denominators that  are not equal. |

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| **unlike numerators** | | | |
| **unlike numerators** | |  | |
| **unlike numerators** |  | | Numerators that  are not equal. |

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| **variable** | | | |
| **variable** | | **5 × *b* = 10**  ***b* is a variable worth 2.** | |
| **variable** | **5 × *b* = 10**  ***b* is a variable worth 2.** | | A letter or symbol that represents a number. |

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| **Venn diagram** | | | |
| **Venn diagram** | | **Rectangles Rhombuses** | |
| **Venn diagram** | **Rectangles Rhombuses** | | A drawing with  circles or rings to  show how sets of  objects are related. |

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| **vertex** | | | |
| **vertex** | |  | |
| **vertex** |  | | The point at which two line segments, lines, or rays meet to form an angle.  (plural - vertices) |

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| **vertical** | | | |
| **vertical** | | **C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900100960[1].wmf** | |
| **vertical** | **C:\Documents and Settings\dprigdon\Local Settings\Temporary Internet Files\Content.IE5\56DRHIPI\MC900100960[1].wmf** | | Perpendicular to the  horizon. Vertical lines  go up and down. |

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| **volume**  **(liquid)** | | | |
| **volume**  **(liquid)** | | http://www.usi.edu/stem/liter_volume_set.jpg  **liquid volume** | |
| **volume**  **(liquid)** | http://www.usi.edu/stem/liter_volume_set.jpg  **liquid volume** | | The number of cubic units it takes to fill a figure. |

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| **week** | | | |
| **week** | | **7 days = 1 week** | |
| **week** | **7 days = 1 week** | | There are seven days  in a week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. |

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| **weight** | | | | | | |
| **weight** | | |  | | | |
| **weight** | |  | | | The measure of how  heavy something is. | |
| **whole** | | | | | | | |
| **whole** | | | | MP900384682[1]  **1 whole pie**  **1 whole rectangle** | | | |
| **whole** | MP900384682[1]  **1 whole rectangle**  **1 whole pie** | | | | | All of an object,  a group of objects, shape, or quantity. | |

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| **whole numbers** | | | |
| **whole numbers** | |  | |
| **whole numbers** |  | | Whole numbers are  0 and the counting numbers 1, 2, 3, 4, 5, 6, and so on. |

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| **width (*w*)** | | | |
| **width (*w*)** | | **width**  **width** | |
| **width (*w*)** | **width**  **width** | | One dimension of a  two- or three -dimensional figure. |

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| **word form** | | | | | | |
| **word form** | | | **The word form of**  **12,345**  **is twelve thousand,**  **three hundred**  **forty-five.** | | | | |
| **word form** | | **The word form of 12,345**  **is twelve thousand,**  **three hundred**  **forty-five.** | | | | A way of using words  to write a number. (also known as number name) |
| **yard (yd)** | | | | | | |
| **yard (yd)** | | | | A door is *about* 1 yard wide. | | |
| **yard (yd)** | A door is *about* 1 yard wide. | | | | A customary unit of length.  1 yard = 3 feet or 36 inches | |

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| **year** | | | |
| **year** | |  | |
| **year** |  | | The length of time it takes  the Earth to revolve  around the sun.  12 months = 1year  365 days = 1 year  366 days = 1 leap year |

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| **Zero Property**  **of Multiplication** | | | | | | |
| **Zero Property**  **of Multiplication** | | | | **8 × 0 = 0** | | |
| **Zero Property**  **of Multiplication** | | **8 × 0 = 0** | | | | The product of any factor and zero is 0. |
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