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| **Vocabulary Word** | **Definition** | **Picture** | **Learn more…** |
| area | the amount of space **INSIDE** a shape | http://www.mathgoodies.com/images/fence_perimeter_area.jpg  Area is the space **INSIDE** the fence.  http://www.mathgoodies.com/ | <http://www.mathsisfun.com/geometry/area.html>  area vs. perimeter  <http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/perimeter_and_area/index.html> |
| bar graph | Bar Graph  a graph drawn using rectangular bars  The bars can be horizontal or vertical.  mathisfun.com | http://www.future-edge.com/blackboard/MathM3E122/images/howlonganimalslive.jpg | For extra practice:  <http://www.ixl.com/math/grade-6/create-double-bar-graphs> |
| centimeter | a metric unit for length  1 inch = 2.54 centimeters    http://etc.usf.edu/clipart/36400/36459/ruler1_36459_lg.gif  <http://www.future-edge.com/> | http://3.bp.blogspot.com/-1F_T7MHtxbc/TskLe9M-2gI/AAAAAAAAAKs/S3vosX1g8bw/s1600/preview+centimeter.jpg | For extra practice:  <http://www.funbrain.com/measure/> |
| expression | math phrase that combines numbers by using +, -, \*, or ÷  **An expression does not have an equal sign (=).** | -5 + 11  7 \* 3  10 – 2 + 5 +3 | <http://www.mathsisfun.com/definitions/expression.html> |
| generic rectangle | another method or way to multiply numbers   |  |  | | --- | --- | |  |  | |  |  | | 52 \* 34 = ?  50 2   |  |  | | --- | --- | | 30  1500 | 60 | | 200  4 | 8 |     1500 + 200 + 60 + 8 = 1768 |  |
| greatest common factor  (GCF) | the biggest common (same number) factor between two (or more) numbers | http://edtech2.boisestate.edu/brianroska/images/venngcf.jpg  <http://edtech2.boisestate.edu/> | <http://www.mathsisfun.com/greatest-common-factor.html>  another way to find the GCF  <http://www.math.com/school/subject1/lessons/S1U3L2GL.html> |
| histogram | a special type of bar graph that shows a range for each bar  The range should be equal amounts for all bars.  The bars in the graph should touch each other. | http://avoca37.org/14carolynr/files/2011/10/Screen-shot-2011-10-26-at-4.48.14-PM.png  [avoca37.org](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&docid=iO-uFbp14zh-tM&tbnid=v1hpre7EaKpRmM:&ved=0CAQQjB0&url=http%3A%2F%2Favoca37.org%2F14carolynr%2F2011%2F11%2F01%2Fhistogram%2F&ei=91_eU8riCs6fyASvoYD4Cw&bvm=bv.72197243,d.aWw&psig=AFQjCNFuVqIHRPsbyConaWq0PEMppej9zg&ust=1407168882158243) | <http://www.studyzone.org/mtestprep/math8/e/histogram6l.cfm>  <http://www.mathsisfun.com/data/histograms.html> |
| inch | a unit of measurement  There are 12 inches in one foot. | http://www.eduplace.com/math/mw/background/2/09/graphics/ts_2_9_wi-1.gif  [www.eduplace.com](http://www.eduplace.com/math/mw/background/2/09/te_2_09_overview.html) | For extra practice:  <http://www.funbrain.com/measure/> |
| length | the distance from one side of a figure to the other side | http://4.bp.blogspot.com/-l_7UQ4WhEcc/UZZMOKYb1eI/AAAAAAAAAAU/PkqN91W5pGc/s1600/area+rectangle.png  <http://areaofrectangle.blogspot.com/> |  |
| operation | a mathematical process using +, -, \*, ÷, √ (square root), or 53 (exponents). | http://studysmart.com/www.studysmart.com/Summer_Flashcards_files/Math_Symbols.jpg  studysmart.com | <http://www.mathsisfun.com/definitions/operation.html>  Order of Operations (PEMDAS)  <http://www.mathsisfun.com/operation-order-pemdas.html> |
| perimeter | the distance AROUND an object | http://www.leslienettling.com/perimeter(color).jpg  [www.leslienettling.com](http://www.leslienettling.com/Nettling5thOhioMathTable.htm) | <http://www.mathsisfun.com/geometry/perimeter.html>  area vs. perimeter <http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/perimeter_and_area/index.html> |
| stem-and-leaf plot | a way to organize data into a chart  Stem= first digit(s) of the number  Leaf= the last digit of the number | Stem and Leaf Plot  mathisfun.com | Watch a video on how to make a stem-and-leaf plot:  <http://www.mathplayground.com/howto_stemleaf.html> |
| unit of measure | a label that is used to show what a number represents  **Examples**: second, minute, hour, day, week, month, cup, pint, gallon, inch, foot, mile, centimeter, meter, Fahrenheit, etc. | SI Base Units    <http://education-portal.com/> |  |
| Venn diagram | a diagram that shows what is the **SAME** and what is **DIFFERENT** between two or more things | http://www.michaelediamond.com/wp-content/uploads/2012/12/venn-diagram-definitions.png |  |