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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.jpgArea 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> |
| compound events | the outcome depends on two or more events | http://www.shmoop.com/images/prealgebra/unit5/pa.5.148.png [www.shmoop.com](http://www.shmoop.com)  |  |
| desired outcomes | the outcome you want(ed) to happen | What is the probability of rolling a 5?http://www.hallme.com/uploads/2012/02/5-dice.jpg http://www.hallme.com/The desired outcome is rolling a 5. |  |
| equivalent fractions | fractions that equal each other, but have different denominators**How do I make an equivalent fraction**?Multiply or divide each fraction (top and bottom) by the same number.http://mathterms.edublogs.org/files/2013/02/fraction-wdz7eo.gif  <http://mathterms.edublogs.org/>  | fraction bars  <http://michelelawrence.net/>  | <http://www.coolmath4kids.com/fractions/fractions-04-equivalent-01.html><http://www.mathsisfun.com/equivalent_fractions.html> Equivalent Fraction Game <http://www.sheppardsoftware.com/mathgames/fractions/memory_equivalent1.htm>  |
| experimental probability  | the probability that actually happens during an experiment  | http://teachers.henrico.k12.va.us/math/ms/c20708/pics/5-1Note.png   <http://teachers.henrico.k12.va.us/math/ms/c20708/05ProbStat/5-1Probability.html>  |  |
| lowest common denominator | the smallest number you can use for denominators in order to add or subtract fractions**lowest** = smallest**common** = same**denominator** = bottom number in a fraction 1 4 | http://www.aldenschools.org/webpages/BNeidel/imageGallery/8-3a.png <http://www.aldenschools.org/>  | <http://www.mathsisfun.com/least-common-denominator.html>  |
| interval | the numbers that are between two numbersWhen you make a graph or number line, your intervals should be equal to each other.http://www.sosmath.com/algebra/inequalities/pictures/pic03.gif   <http://www.sosmath.com/>  | **Interval:**All the values between two given end points.**Interval Worksheet** [www.splashmath.com](http://www.splashmath.com)  | <http://www.mathsisfun.com/sets/intervals.html>  |
| mean | a way to measure data by:1. adding up all numbers
2. divide that by how many numbers were added

(also known as the “average”) | http://www.passyworld.com/passyImagesTwelve/MeanTwo500x346JPG.jpg <http://passyworldofmathematics.com/>  |  |
| measure of central tendency | different ways to measure data (mean, median, or mode) | http://www.eduplace.com/math/mhm/5/06a/ts_5_6a_wi-5.gif [www.eduplace.com](http://www.eduplace.com)  |  |
| median | a way to measure data by putting all of the numbers in order and then finding the middle number*If there are two middle numbers, add the two numbers together and divide by two to find the median.*  | http://www.mathsisfun.com/definitions/images/median.gif [www.mathisfun.com](http://www.mathisfun.com)  |  |
| Multiplicative Identity | any number multiplied by 1 will give you the same number5 \* 1 = 51,238 \* 1 = 1,238 |  3 \* = 21 4 \* = 28http://upload.wikimedia.org/wikiversity/en/c/cf/7sgiant1.pngThe giant one can be used to make equivalent fractions because it is equal to one. <http://en.wikiversity.org/>  |  |
| outcome | what happens during an event, the end result | http://4.bp.blogspot.com/-VbGGS9f4RzU/T3uHLB5cggI/AAAAAAAABmQ/li2XarCHbak/s1600/photo+4.JPG  <http://applesandabcs.blogspot.com/>  | <http://www.studyzone.org/testprep/math4/d/outcomel.cfm>  |
| outliers | a number that is not close to the other numbers in the data group | http://www.mathsisfun.com/data/images/outlier.gif [www.mathisfun.com](http://www.mathisfun.com)  |  |
| parallelogram | four sided figure that has two sets of parallel sideshttp://www.wpclipart.com/education/geometry/quadrilateral/quadrilateral_parallelogram_T.png   <http://www.wpclipart.com/>  | http://education-portal.com/cimages/multimages/16/shapes_parallelograms.png <http://education-portal.com/>  |  |
| percent | a number out of 100percentage sign = % 67 = 67%  100 | http://www.math4ged.com/wp-content/uploads/2011/06/ged-math-percent-fraction-decimal-table.png <http://www.math4ged.com/>  | <http://www.mathsisfun.com/percentage.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> |
| possible outcomes | what **could** happen | http://www.eduplace.com/math/mw/background/5/06b/graphics/ts_5_6b_tt-1.gif [www.eduplace.com](http://www.eduplace.com)  | <http://www.studyzone.org/testprep/math4/d/outcomel.cfm>  |
| probability | a number that represents the chance of something happening | http://1.bp.blogspot.com/-zhRtA5lByyA/UfcD-SPiEUI/AAAAAAAAA3U/yE2zS8w08dM/s1600/afterstarter.jpg  <http://mrcollinsmaths.blogspot.com/> | <http://www.mathsisfun.com/data/probability.html> <http://www.mathgoodies.com/lessons/vol6/intro_probability.html>  |
| proportional relationship | two amounts that have the same ratio**Example**:If you babysit for 1 hour, you will get paid $9.00. If you babysit for 3 hours, you will get paid $27. 1 hour = 3hours $9.00 = $27.00When one is multiplied by 3, the other number is multiplied by 3.  | https://gcps.desire2learn.com/d2l/lor/viewer/viewFile.d2lfile/6605/6712/unit_rate_graph.png gcps.desire2learn.com  | <http://www.mathsisfun.com/definitions/proportional.html>  |
| rectangle | a four sided shape with all 90⁰ angles and 2 sets of parallel sideshttp://www.coolmath.com/reference/images/rectangle3.gif www.coolmath.com | http://euler.slu.edu/escher/upload/thumb/6/60/Rectangles.svg/300px-Rectangles.svg.png http://euler.slu.edu/ |  |
| repeating decimal | a number where after the decimal point, the number never ends and continues to repeat | http://ecomatheasy.files.wordpress.com/2011/09/prealg_05_02_0003-diagram_thumb-lg.png  sites.google.com/a/d83.org  |  |
| sample space | all of the possible outcomes | What is the probability of the spinner stopping on each of these colors?http://0.tqn.com/d/math/1/0/Q/s/spinner1.jpg***Sample Space***: blue, red, yellow, green**Probabilities:** yellow: 1/12Red: 5/12Blue: 3/12 or ¼Green 3/12 or ¼  picture from: <http://math.about.com/>  | Practice this: <http://www.mathgoodies.com/lessons/vol6/sample_spaces.html>  |
| Scaling(a graph) | writing numbers down on the axis or axes of the graphThis graph has intervals of 10. | http://www.shmoop.com/images/algebra/alg_probstat_picsingvar_narr_graphik_10.png <http://www.shmoop.com/>  |  |
| terminating decimal | http://visual-math-vocabulary.wikispaces.com/file/view/terminating.jpg/234660054/354x163/terminating.jpg <http://visual-math-vocabulary.wikispaces.com/>  | .712.51670.239381.2 |  |
| theoretical probability | the probability of something happening based on what **should** happen  | http://robertson4thgrade.edublogs.org/files/2011/12/T4T-video-probability-2g9565o.jpgWhat is the probability of rolling a 6? http://robertson4thgrade.edublogs.org/  |  |
| trapezoid | a four sided figure with only one set of parallel sideshttp://www.mathgoodies.com/lessons/vol1/images/trapezoid.gif [www.mathgoodies.com](http://www.mathgoodies.com)  | http://image.mathcaptain.com/cms/images/41/Trapezoids.JPG<http://www.mathcaptain.com/> |  |
| triangle | a three sided figure | http://euler.slu.edu/escher/upload/thumb/c/cb/Triangles.svg/239px-Triangles.svg.png  <http://euler.slu.edu/>  |  |