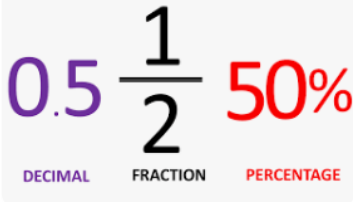


equivalent e / quiv / a / lent	Two numbers represent the same value or ratio. 
terminating and recurring decimals	Terminating A decimal fraction that has a fixed number of digits e.g. 0.125 Recurring A decimal fraction with an infinitely repeating digit or group of digits 0.33333.....
convert	Changing form of numbers Decimal to Percentage: multiply by 100 $0.20 \times 100 = 20\%$ Fraction to Percentage divide the numerator by the denominator $\frac{1}{4} = 1 \div 4 = 0.25 \times 100 = 25\%$ Percentage to Decimal: divide by 100 $63\% \div 100 = 0.63$
decimal multiplier dec / i / mal mul / ti / pli / er	A number in decimal form that: Tells you how much to increase or decrease a value when you multiply. $0.5 \times 10 = 5$ ↙ 0.5 is a decimal multiplier that reduces 10 by half

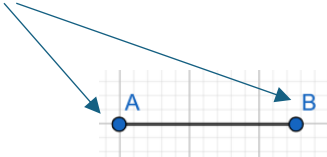
proportional pro / por / tion / al	Two or more quantities that maintain a constant relative size. For example: If the number of apples sold doubles, the amount of money made doubles.
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Geometry and Measure

geometry ge/ om / e / try	Deals with the: Measurement, properties, and relationships of points, lines, angles surfaces and solids
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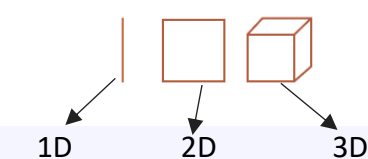
line & line segment	Line: A set of adjacent points that has length but no width.  Line Segment: Part of the line between any two points. 
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ray	Sequence of Points: With one end point or point of origin extending infinitely in one direction. 
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point	An element that has position but no magnitude (size or length) Point is a dot that shows location. 
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horizontal hor / i / zon/ tal	A line that: Runs straight across and is level, not going up or down. left  right
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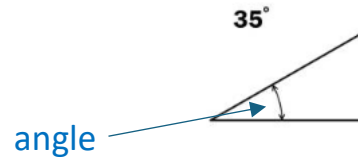
vertical ver / ti / cal	A line that: Runs upwards and downwards at right angles to the horizontal plane. The up-down direction on a graph or map 
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dimension di / men / sion	Measurement of The length, width and height of an object or space. 
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angle

an / gle

Measure of rotation - the amount of turn between two straight lines or rays that meet at a common point.

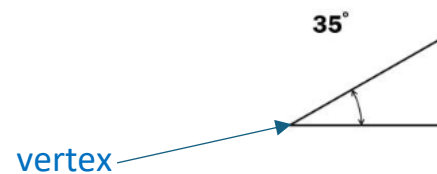


vertex

ver / tex

Point at which:

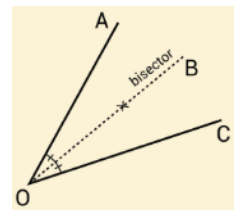
Two or more lines intersect (meet)



bisect

bi / sect

To divide into two equal parts

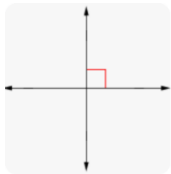


parallel

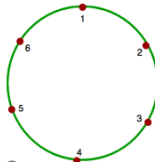
pa / ral / lel

Always equidistant

Parallel lines, curves, and planes never meet however far, or they are produced or extended

perpendicular per / pen / dic / u / lar	A line or plane: That is at right angles to another to another line or plane. 
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locus (plural loci) lo / cus	Path formed by a point moving according to a rule, such as The hands of a clock move around the clock face, forming a locus.  Tip of each hand remains a constant distance from the centre, the locus traced by the tip is a circle.
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equidistant e / qui / dis / tant	Being the same distance from a point, line, or shape. Points on a circle are equidistant from the centre. 
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