

break-even point	the point or value at which a business stops making a loss and starts making a profit
constant of variation	the number that relates two variables that are directly proportional or inversely proportional to one another; it is the k in a variation formula
conversion graph	a line graph used to convert one unit to another
dependent variable	the variable in a function that depends on another variable for its value
direct linear variation	the relationship between two variables (say x and y) by an equation in the form $y = kx$, where k is the constant of variation

gradient

the slope of a line;
the rise over the run

independent
variable

a variable in a function
whose values do not
depend on any other
variable

linear function

a function of the form $y = mx + b$, whose graph is
a straight line

proportional to

a relationship between
variables in which a change in
one variable results in a direct
change in the other variable

rate of change

the speed at which a
variable changes
over time

rise

the vertical change
in position between
two points on a line

run

the horizontal change in
position between two
points on a line

simultaneous
equations

two or more equations that
must be solved together so
that the solution satisfies all
equations

step graph

a graph which includes
two or more horizontal
line segments

stepwise linear
function

a function whose graph
includes two or more
horizontal line segments

y-intercept	the value at which a straight line graph cuts the vertical axis
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