asymptote	a line to which a curve gets very close but never actually touches
constant of variation	the constant of variation is the number that relates two variables that are directly proportional or inversely proportional to one another; it is the k in a variation formula
cubic function	a function in the form of y = x^3 + c
decreasing	the section of a curve for which the gradient of the tangent to the curve is negative
exponential function	a function in the form of y = 2^x + c for example

exponential growth	growth whose rate becomes ever more rapid in proportion to the growing total number or size
hyperbola	the graph of a hyperbolic function
hyperbolic function	a function in the form of $y = a/x$
increasing	the section of a curve for which the gradient of the tangent to the curve is positive
initial value	the value at the beginning (when $t = 0$)

maximum	the highest value reached
minimum	the lowest value reached
model	using mathematics to describe a real-life pattern or relationship
non-linear function	a function that is not in the linear form
parabola	the U-shaped graph of a quadratic function

proportional to	a relationship between variables in which a change in one variable results in a direct change in the other variable
quadratic function	a function in the form of $y = x^2 + bx + c$
vertex	the turning point of a parabola
vertical intercept	the value at which a straight line graph cuts the vertical axis