

challenge

to dispute, especially as being unjust, invalid, or outmoded

coordinate

any of a set of numbers used in specifying the location of a point on a line, on a surface, or in space

data

a set of numbers or other pieces of information

evaluating

to substitute the values given for the variables and to perform the operations to find the value of an expression

expressions

A number, variable, or any combination of number, variables, and operation signs. For example,  $2x$ ,  $4$ , and  $3x+4$  are expressions.

formulas

an equation that shows a mathematical relationship

graphs

a diagram (as a series of one or more points, lines, line segments, curves, or areas) that represents the variation of a variable in comparison with that of one or more other variables

grids

a network of uniformly spaced horizontal and perpendicular lines (as for locating points on a map)

integers

the whole numbers and their opposites; 0 is its own opposite

linear

relating to, consisting of, or resembling a line

lines

a continuous straight path that goes on without end in opposite directions

solve

to find the value of the variable that makes an equation true

strategy

a careful plan or method for achieving a particular goal usually over a long period of time

vertical

positioned up and down rather than from side to side: going straight up

axis

the vertical or horizontal number line of a two-coordinate graph

equation

an expression involving chemical symbols  
for a chemical reaction

functions

purposes or uses of something

horizontal

of or relating to the horizon, the line  
where the earth and sea seem to meet  
the sky

property

a characteristic that describes an  
object, such as size, shape, and texture

variables

things you can change in an experiment  
that might affect the outcome