

QT Formulae

A FORMULA is a mathematical rule that describes the relationship between 'variables.'

1. George plays a game with red and blue cards. Red cards are worth 8 points each. Blue cards are worth 3 points each. George has 'r' red cards and 'b' blue cards. His total number of points is 'N.' Write a formula for N in terms of r and g.
2. A shop sells pens and pencils. Pens cost 'p' pence, pencils cost 'h' pence. Malik buys 24 pencils and 3 pens. The total cost is C pence. Write down a formula for C in terms of p and h.
3. The diagram shows a quadrilateral. write down a formula, in terms of x, for the perimeter P. Give your answer in its simplest form.

