National 5 Mathematics

Rearranging Formulae - Questions

Marks are indicated in brackets after each question number

2014 Paper 2 Question 11, (3)

Change the subject of the formula $s = ut + \dfrac{1}{2}at^2$ to a.

2016 Paper 2 Question 12, (3)

Change the subject of the formula $L = \sqrt{4kt - p}$ to k.

2017 Paper 1 Question 10, (3)

Change the subject of the formula $F = \dfrac{t^2 + 4b}{c}$ to b.

2018 Paper 1 Question 14, (3)

Change the subject of the formula $y = g\sqrt{x} + h$ to x.

2019 Paper 1 Question 7, (3)

The area of a trapezium is given by the formula

$$A = \frac{1}{2}h(x + y).$$

Make x the subject of the formula.

2022 Paper 1 Question 7, (2)

Change the subject of the formula $D = \dfrac{B + 4}{C^2}$ to B.

Change the subject of the formula $P = \dfrac{1}{3}mn - r$ to m.