

2.6.4 Solution to 'In your head' 2.5

GCSE Mathematics Algebra, Rearranging Formulae

Answer 1

$$x = 2m + 11$$

Answer 2

$$x = \frac{w}{7}$$

Answer 3

$$x = \frac{z}{k}$$

Answer 4

$$x = 5s$$

Answer 5

$$x = 3 + 6s^2$$

Answer 6

$$x = \frac{3}{5}$$

Answer 7

$$x = \frac{1}{c^2 + 4}$$

Answer 8

$$x = \frac{p + q}{5v + 2}$$

Answer 9

$$x = h(w^2 + 2k)$$

Answer 10

$$x = h^2 - \sqrt{7z}$$

or $x = hw^2 + 2hk$

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Teachers may obtain detailed worked solutions to the exercises by email from MHHShrewsbury@Gmail.com