

2.5 Quick 'In your head' Questions

GCSE Mathematics Algebra, Rearranging Formulae

If there is just one thing to be done to both sides to get from a question to the answer, it is acceptable to just write down the answer with no working.

Question 1

Make x the subject

$$x - 11 = 2m$$

Question 2

Make x the subject

$$7x = w$$

Question 3

Make x the subject

$$kx = z$$

Question 4

Make x the subject

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

Question 5

Make x the subject

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

Question 6

Make x the subject

$$\frac{1}{x} = \frac{5}{3}$$

Question 7

Make x the subject

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

Question 8

Make x the subject

$$\frac{1}{x} = \frac{5v + 2}{p + q}$$

Question 9

Make x the subject

$$\frac{x}{(w^2 + 2k)} = h$$

Question 10

Make x the subject

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

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