

**1** Make  $u$  the subject of the formula  $v = u + at$

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**(Total for question 1 is 1 marks)**

**2** Make  $a$  the subject of the formula  $v = u + at$

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**(Total for question 2 is 2 marks)**

**3** Make  $u$  the subject of the formula  $v^2 = u^2 + 2as$

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**(Total for question 3 is 2 marks)**

**4** Make  $a$  the subject of the formula  $v^2 = u^2 + 2as$

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**(Total for question 4 is 2 marks)**

5 Make  $a$  the subject of the formula  $s = ut + \frac{1}{2}at^2$

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**(Total for question 5 is 2 marks)**

6 Make  $v$  the subject of the formula  $T = \frac{1}{2}mv^2$

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**(Total for question 6 is 2 marks)**

7 Make  $x$  the subject of the formula  $2x + a = b(x - 2)$

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**(Total for question 7 is 3 marks)**

8 Make  $x$  the subject of the formula  $x(2 + a) = b(x + 3)$

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**(Total for question 8 is 3 marks)**

9 Make  $x$  the subject of the formula  $a = \frac{x+4}{x+2}$

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(Total for question 9 is 3 marks)

10 Make  $x$  the subject of the formula  $a = \frac{x+c}{x-b}$

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(Total for question 10 is 3 marks)

**11** Make  $x$  the subject of the formula  $\frac{a}{b} = \frac{2x}{x+5}$

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**(Total for question 11 is 3 marks)**

**12** Make  $x$  the subject of the formula  $a = \frac{4 + 2bx}{2x - 3}$

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**(Total for question 12 is 3 marks)**

**13** Make  $b$  the subject of the formula  $\frac{1}{a} = \frac{1}{b} + \frac{1}{c}$

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(Total for question 13 is 4 marks)

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