

1 $f = 7$
 $g = 5$
Work out the value of $3f + 2g$ (2 marks)

2 $c = 4d - 7$
Find the value of c when $d = 6$ (2 marks)

3 $v = u + at$
 $u = 3$
 $a = 10$
 $t = 6$
Work out the value of v . (2 marks)

4 $x = 4$
 $y = 6$
Work out the value of $3x - y$ (2 marks)

5 $L = 9m + 2n$
Work out the value of L when $m = 3$ and $n = -6$ (2 marks)

6 $q = 5p + 3r$
 $p = 6$
 $r = -4$
Work out the value of q . (2 marks)

7 $H = 4f + g$
Work out the value of H when $f = 5$ and $g = -2$ (2 marks)

8 $A = 4p + 5q$
 $p = 3$ and $q = -2$
Work out the value of A . (2 marks)

9 $L = 9m + 2n$
Work out the value of L when $m = -3$ and $n = 4$ (2 marks)

10 $q = 6p - r$
 $p = -4$ and $r = 5$
Work out the value of q . (2 marks)

11 $H = f - 2g$
Work out the value of H when $f = 12$ and $g = -6$ (2 marks)

12 $A = 5p + 6q$
 $p = 10$ and $q = -2$
Work out the value of A . (2 marks)

13 $L = m(n - 2)$
Work out the value of L when $m = 9$ and $n = 5$ (2 marks)

14 $a = 5bc$
 $b = -4$ and $c = -3$
Work out the value of a . (2 marks)

15 $x = 4y^2 - 12$
Work out the value of x when $y = 5$
(2 marks)

16 $A = p - 2q$
 $p = -4$
 $q = -7$
Work out the value of A .
(2 marks)

17 $a = 8$
 $b = -5$
 $c = 2$
Work out the value of $b^2 - 4ac$
(2 marks)

18 $d = \frac{m}{v}$
Work out the value of d when $m = 32$ and $v = 8$
(2 marks)

19 $A = 2j - jk$
Work out the value of A when $j = 7$ and $k = 3$
(2 marks)

20 $w = 5x^2 + 3$
 $x = -3$
Work out the value of w .
(2 marks)

21 $A = \frac{1}{2}bh$
Work out the value of A when $b = 3$ and $h = 8$
(2 marks)

22 $A = \frac{1}{2}(a+b)h$
Work out the value of A when $a = 7$, $b = 6$ and $h = 10$
(2 marks)

23 $v = u + at$
Work out the value of v when $u = 12$, $a = -6$ and $t = 5$
(2 marks)

24 $y = mx + c$
 $m = -2$, $x = 12$ and $c = -7$
Work out the value of y .
(2 marks)

25 $s = ut + \frac{1}{2}at^2$
 $u = 3$, $a = 2$ and $t = 4$
Work out the value of s .
(2 marks)

26 $s = ut + \frac{1}{2}at^2$
 $u = -5$, $a = 4$ and $t = 3$
Work out the value of s .
(2 marks)

27 $s = \frac{v^2 - u^2}{2a}$
 $v = 7$, $u = 5$ and $a = 3$
Work out the value of s .
(2 marks)