

#	Question	Answer	Marks
1	Simply $a + a + a$		1
2	Simply $x + y + x + y + x$		1
3	Simply $2a + 3a + 5a$		1
4	Simply $2x + 3y + 4x + 5y$		2
5	Simply $4p + 3q + 2p - 5q$		2
6	Solve $a + 10 = 16$	$a =$	1
7	Solve $2x = 12$	$x =$	1
8	Solve $\frac{y}{4} = 24$	$y =$	1
9	Expand $4(x + 5)$		2
10	Expand $5(2p - 3)$		2
11	Expand $x(x + 5)$		2
12	Expand $4x(x - 7)$		2
13	Expand and simplify $2(x + 4) + 5(x + 2)$		2
14	Expand and simplify $4(x - 4) + 3(2x + 1)$		2
15	If $a = 3$, find the value of: $4a + 1$		1
16	If $w = 15$, find the value of: $\frac{w}{3}$		1
17	If $p = 13$, find the value of: $9 - p$		1
18	Solve $3x - 4 = 11$	$x =$	2
19	Solve $2y + 9 = 21$	$y =$	2
20	Solve $\frac{p}{4} + 6 = 11$	$p =$	2
21	Solve $\frac{d}{3} + 7 = 12$	$d =$	2

#	Question	Answer	Marks
22	Simplify $w \times w \times w$		1
23	Simplify $w^2 \times w$		1
24	Simplify $(w^2)^3$		1
25	Simplify $x^8 \div x^3$		1
26	Simplify $x^2 + x^2 + x^2 + x^2$		1
27	Simplify $14x^6 \times 2x^2$		2
28	Simplify $5p^6 \times 4p^3$		2
29	Simplify $8x^9 \times 9x^2$		2
30	Simplify $\frac{28x^2}{7x^5}$		2
31	If $x = 4$ and $y = 5$ $4x + 5y$		2
32	If $a = 3$ and $b = 6$ $5(a + b)$		2
33	If $x = 7$ and $y = 3$ $x(10 - y)$		2
34	If $p = -4$ and $q = 20$ $\frac{2q}{5p}$		3
35	If $x = 4$, $y = 5$ and $z = -2$ $\frac{xyz}{8}$		3
36	Solve $5a + 10 = a + 20$	$a =$	2
37	Solve $7x - 3 = 5x + 3$	$x =$	2
38	Solve $6 + 3y = 21 - 2y$	$y =$	2
39	If $p = 4$ $3p^2$		2
40	If $y = 5$ $2y^2 - 10$		2

#	Question	Answer	Marks
41	If $m = 10$ $3m^2 + 4m$		2
42	If $a = 2$ and $b=5$ $2a^3 + 3b^2$		2
43	Solve $y + 3 \leq 10$		1
44	Solve $x - 7 \leq -4$		1
45	Solve $4x - 5 \leq 15$		2
46	Solve $8x + 3 \leq 3x - 17$		2
47	Solve $8m + 3 \leq 4m - 1$		2
48	Write all the integer values x can take $-4 \leq x < 1$		1
49	Write all the integer values m can take $-1 \leq m \leq 2$		1
50	Write all the integer values x can take $-4 > x > -9.5$		1
51	Write all the integer values x can take $-5 \leq x \leq 1.2$		1
52	Write down next two terms of the sequence $17, 26, 35 \dots$		1
53	Write down next two terms of the sequence $-15, -12, -9, -6 \dots$		1
54	Find the n th term of this sequence $11, 16, 21, 26 \dots$		2
55	Find the n th term of this sequence $-40, -44, -48, -52 \dots$		2
56	A sequence has this n th term, find 5 th term $2n^2 - 20$		2
57	A sequence has this n th term, find 50 th and 100 th terms $3n - 15$		2
58	Factorise $4x + 20$		2
59	Factorise $6x^2 + x$		2
60	Factorise $4x^2 + 8x$		2