Answers and mark guide

Q	Answer	Working	Marks
1	**8x**	2 + 6 = 8	1
2	**2p**	10 − 8 = 2	1
3	**13x**	5 + 8 = 13	1
4	**6p**	8 − 2 = 6	1
5	**8x**	6 + 2 = 8	1
6	**8x − 2y**	Collect like terms: x terms together, y terms together.	2
7	**15x + y**	Collect like terms: x terms together, y terms together.	2
8	**13x + y**	Collect like terms: x terms together, y terms together.	2
9	**6x**	Collect like terms: x terms together, y terms together.	2
10	**11x − y**	Collect like terms: x terms together, y terms together.	2
11	**35x + 35**	Multiply each term by 5.	2
12	**6x + 28**	4x + 32 + 2x − 4	3
13	**27x + 27**	Multiply each term by 3.	2
14	**7x − 8**	5x + 10 + 2x − 18	3
15	**15x + 24**	Multiply each term by 3.	2
16	**$8x^3y^3$**	Multiply the numbers, then add the powers of each letter.	4
17	**16x + 2**	Expand both brackets carefully (watch the minus sign), then collect like terms.	4
18	**$30x^4y^5$**	Multiply the numbers, then add the powers of each letter.	4
19	**21x − 3**	Expand both brackets carefully (watch the minus sign), then collect like terms.	4
20	**$15x^5y^4$**	Multiply the numbers, then add the powers of each letter.	4

My score: _____ / **47** Questions 1–15 = 27 marks (Foundation focus)