Answers and mark guide

Q	Answer	Working	Marks
1	**18**	3 × 3 = 9; + 9 = 18	1
2	**37**	9 × 4 = 36; + 1 = 37	1
3	**87**	12 × 7 = 84; + 3 = 87	1
4	**11**	2 × 3 = 6; + 5 = 11	1
5	**23**	8 × 2 = 16; + 7 = 23	1
6	**4**	Reverse: add 2, then divide by 4.	2
7	**6**	Reverse: add 5, then divide by 3.	2
8	**5**	Reverse: add 7, then divide by 5.	2
9	**10**	Reverse: add 1, then divide by 3.	2
10	**6**	Reverse: add 11, then divide by 6.	2
11	**6x + 11**	x × 6 + 11	2
12	**4(n + 10)**	Add 10 first, so brackets are needed.	3
13	**8x + 10**	x × 8 + 10	2
14	**4(n + 5)**	Add 5 first, so brackets are needed.	3
15	**3x + 7**	x × 3 + 7	2
16	**4**	3x − 8 = x; 2x = 8	4
17	**10**	15 ÷ 5 = 3; + 2 = 5; × 2	3
18	**50**	14×7 = 98; + 2 = 100; ÷ 2	3
19	**4**	3x + 2 versus 3x + 6: difference = 4	4
20	**$8n^2 - 5$**	$n^2 \times 8 - 5$	4

My score: _____ / 45 Questions 1–15 = 27 marks (Foundation focus)