Answers and mark guide

Q	Answer	Working	Marks
1	**5n + 5 = 75; n = 14**	5n = 70	3
2	**4n + 4 = 64; n = 15**	4n = 60	3
3	**2n + 3 = 9; n = 3**	2n = 6	3
4	**3n + 5 = 35; n = 10**	3n = 30	3
5	**3n + 6 = 15; n = 3**	3n = 9	3
6	**x = 10**	4x + -2 = 38	4
7	**x = 11**	4x + 0 = 44	4
8	**x = 15**	4x + 2 = 62	4
9	**x = 9**	4x + 3 = 39	4
10	**x = 5**	4x + 5 = 25	4
11	**13**	b + (b + 6) = 32	4
12	**3**	6x + 8 = 26	4
13	**5**	5p + 8 = 33	4
14	**6**	3n − 3 = n + 9	4
15	**10**	5 + 3m = 35	4
16	**10, 11, 12**	n + (n + 1) + (n + 2) = 3n + 3	5
17	**15 and 12**	Let the numbers be n and n + a.	5
18	**x = 12**	2x = 24	3
19	**x = 13**	2x = 26	3
20	**x = 5**	5x = 25	3

My score: _____ / **74** Questions 1–15 = 55 marks (Foundation focus)