Answers and mark guide

Q	Answer	Working	Marks
1	**x = 5**	Do the inverse operation to both sides.	1
2	**x = 8**	Do the inverse operation to both sides.	1
3	**x = 13**	Do the inverse operation to both sides.	1
4	**x = 15**	Do the inverse operation to both sides.	1
5	**x = 8**	Do the inverse operation to both sides.	1
6	**x = 12**	Divide or multiply both sides.	2
7	**x = 88**	Divide or multiply both sides.	2
8	**x = 8**	Divide or multiply both sides.	2
9	**x = 18**	Divide or multiply both sides.	2
10	**x = 11**	Divide or multiply both sides.	2
11	**x = 7**	Subtract 7, then divide by 3.	3
12	**x = 12**	Add 4, then divide by 7.	3
13	**x = 11**	Subtract 9, then divide by 9.	3
14	**x = 5**	Add 8, then divide by 9.	3
15	**x = 10**	Subtract 6, then divide by 9.	3
16	**x = 10**	Divide by 6, then subtract 9.	4
17	**x = 49**	Multiply by the denominator, then subtract.	4
18	**x = 10**	Divide, then add.	4
19	**x = 6**	Multiply by the denominator, then divide.	4
20	**x = 12**	Add, divide, subtract.	4

My score: _____ / **50** Questions 1–15 = 30 marks (Foundation focus)