Answers and mark guide

Q	Answer	Working	Marks
1	**12**	60 ÷ 5 = 12	1
2	**15**	30 ÷ 2 = 15	1
3	**8**	16 ÷ 2 = 8	1
4	**12**	24 ÷ 2 = 12	1
5	**3**	6 ÷ 2 = 3	1
6	**22**	33 ÷ 3 = 11, × 2 = 22	2
7	**24**	36 ÷ 3 = 12, × 2 = 24	2
8	**33**	44 ÷ 4 = 11, × 3 = 33	2
9	**6**	12 ÷ 4 = 3, × 2 = 6	2
10	**36**	63 ÷ 7 = 9, × 4 = 36	2
11	**42**	Red = 7. Not red = 49 − 7.	3
12	**7**	Red = 14. Not red = 21 − 14.	3
13	**45**	Red = 15. Not red = 60 − 15.	3
14	**24**	Red = 72. Not red = 96 − 72.	3
15	**9**	Red = 27. Not red = 36 − 27.	3
16	**42**	1/6 = 7, so the number is 6×7 = 42.	3
17	**£85**	After the coat she has 3/5; after shoes she has 2/3 of that = 2/5 of the start. 2/5 = £34, so 1/5 = £17, start = £85.	4
18	**28 litres**	3/4 − 1/2 = 1/4 of the tank = 7 litres, so capacity = 28 litres.	4
19	**42**	Read so far = 5/7, so 2/7 is left = 12 pages. 1/7 = 6; total = 42.	4
20	**36**	After Tom: 3/4. After Uma he keeps 1/3 of that = 1/4 of the start. 1/4 = 9, so start = 36.	4

My score: _____ / **49** Questions 1–15 = 30 marks (Foundation focus)