Answers and mark guide

Q	Answer	Working	Marks
1	**£4.20**	Multiply by 2	2
2	**£0.50**	÷ 7	2
3	**£4.50**	Multiply by 2	2
4	**£0.80**	÷ 8	2
5	**£7.00**	Multiply by 5	2
6	**350 g**	150 ÷ 6 × 14	3
7	**666.667 g**	250 ÷ 3 × 8	3
8	**450 g**	200 ÷ 8 × 18	3
9	**4 days**	Twice as many workers take half the time.	3
10	**£30.00**	£18 ÷ 3 = £6 per litre; × 5	3
11	**The 750 g jar**	Price per gram: 0.440p and 0.380p	4
12	**The 600 g jar**	Price per gram: 0.440p and 0.350p	4
13	**The 500 g jar**	Price per gram: 0.370p and 0.380p	4
14	**35**	y = 2.5x	3
15	**4 hours**	Inverse proportion: 8 × 6 = 48 tap-hours; 48 ÷ 12	4
16	**Shop B, by 1p per can**	A: 55p each; B: 54p each	4
17	**375 km**	100 ÷ 8 = 12.5 km per litre; × 30	4
18	**15 hours**	5 × 9 = 45 person-hours; 45 ÷ 3	4
19	**48**	1200 ÷ 300 = 4; × 12	4
20	**Pack Y**	X: 25p each; Y: 23p each	5

My score: _____ / 65 Questions 1–15 = 44 marks (Foundation focus)