Answers and mark scheme

Year 6 Ratio and proportion

Test 3(ET)					Mark	Extra Information
1. 539					1	
2. 200					1	Accept 0.2 litres if ml has been crossed out
3. 224					1	
4. 120					1	
5. 416					1	
6.		Sales in £ 000s	Profit in £ 000s	Profit as a percentage of sales	1	
	Shop 1	50	27	**54%**		
	Shop 2	25	13	**52%**		
	Shop 3	20	11	**55%**		
7. 1040					2	Award 1 mark for a correct method but incorrect answer, e.g. 100% – (35% + 45%) = error error% of 5200 =
8. a) $\frac{1}{6}$ b) 8					a) 1 b) 1	
9. Length = 9.5 Width = 7					1	
10. 20					1	
11. 3					1	
12. 36					2	Award 1 mark for identifying 24 £1 coins and 6 £2 coins OR Award 1 mark for a correct method but incorrect answer, e.g. $\frac{4}{5}$ of 30 = error[1] $\frac{1}{5}$ of 30 = error[2] (£1 × error[1]) + (£2 × error[2])