

Answers and mark scheme

Year 6 Ratio and proportion

Test 4(E)	Mark	Extra Information
1. a) 'I need 2 white flowers for every 3 coloured flowers.' b) 100 (flowers)	a) 1 b) 1	a) Do not accept 'I need 6 white flowers for every 9 coloured flowers.'
2. 459	1	
3. Billy	2	Accept 58% Award 1 mark for a correct method but incorrect answer, e.g. $220 \div 4 = \text{error}$ $116 \div 2 = \text{error}$ $162 \div 3 = \text{error}$
4. 25	2	Award 1 mark for a correct method but incorrect answer, e.g. $\frac{5}{8} \times 40 = \text{error}$
5. Length: 8500 Width: 3700	1	Both needed for 1 mark Accept equivalent units of length if mm replaced
6. 20	1	
7. a) $\frac{2}{5}$ b) 2:3	a) 1 b) 1	
8. 650	2	Award 1 mark for a correct method but incorrect answer, e.g. $350 \div 7 = \text{error}$ $4 + 7 + 2 = 12$ error x 12 =
9. a) 5:4 b) $\frac{4}{9}$	a) 1 b) 1	