

Y3 – Summer – Block 1 – Step 6 – Reasoning with fractions of an amount Answers

Question	Answer
1	a) 28 b) 4 They add up to 32, the number of children in the class.
2	2 km Either work out $\frac{4}{5}$ of 10 and subtract it from 10, or work out $\frac{1}{5}$ of 10
3	$\frac{4}{5}$ of 100 = $4 \times 20 = 80$ $\frac{1}{5}$ of 100 = 20, $100 - 20 = 80$
4	a) 350 $400 \div 8 = 50, 7 \times 50 = 350$ b) £28 $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}, 35 \div 5 = 7, 4 \times 7 = 28$ c) 36p $60 \div 4 = 15, 3 \times 15 = 45$ $18 \div 2 = 9$ $45 - 9 = 36$ d) 490 g $\frac{7}{10} + \frac{3}{10} = 1$ Children may have used different methods.
5	10
6	a) 12 b) 16
7	7p
8	a) four possible answers: $a = 1 \text{ cm}, b = 2 \text{ cm}$ $a = 2 \text{ cm}, b = 4 \text{ cm}$ $a = 3 \text{ cm}, b = 6 \text{ cm}$ $a = 4 \text{ cm}, b = 8 \text{ cm}$ b) 24 cm