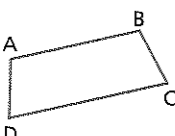
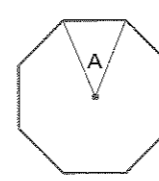




SECTION 1 | Test 9

Schofield & Sims

A	Answer
1 $375\,375 + 420\,001 =$	795 376
2 $200 - 97 =$	103
3 $\frac{3}{10}$ of 50p =	15p
4 Write as a decimal $70 + 6 + \frac{9}{100}$	76.09
5 2km 350m = m	2350m
6 $\pounds 1.71 \div 9 =$ p	19p
7 $1.5\text{kg} - 650\text{g} =$ g	850g
8 Write 750 using Roman numerals.	DCCL
9 $1150\text{ml} + \dots \text{ml} = 2\text{l}$	850ml
10 $215\text{min} = \dots \text{h} \dots \text{min}$	3h 35min
11 $\pounds 3.05 = \dots 10\text{ps} + \text{one } 5\text{p}$	30 10ps
12 $4.5\text{kg} \times 100 =$	450kg

B	Answer
1 What is the value of the missing number? Thirty point three six = $30 + \dots + \frac{6}{100}$	$\frac{3}{10}$
2 Write to the nearest metre 19.54m.	20m
3 Find the change from $\pounds 5.00$ after spending 89p.	$\pounds 4.11$
4 What number is 5 more than -4?	1
5 Change 8.35 p.m. to 24-hour clock time.	20:35
6 An isosceles triangle has two angles of 70° . What is the size of the third angle?	40°
7 Find in millimetres the length of a line that is half of 7.6cm.	38mm
8 Increase $\pounds 1.20$ by a quarter of $\pounds 1.20$.	$\pounds 1.50$
9  Name the pair of parallel lines in this shape.	AB and CD
10 How many times can 250ml be taken from $2\frac{1}{2}\text{l}$?	10
11 Find the cost of 1kg 100g of oranges at 50p per $\frac{1}{2}\text{kg}$.	$\pounds 1.10$
12 Which of these decimal fractions is equal to $\frac{3}{4}$? 0.34, 0.43, 0.75, 0.63	0.75

C	Answer
1 Arrange the digits 3, 8, 0, 5 to make a the largest possible number b the smallest possible number.	a 8530 b 0358
2  This shape has eight equal sides. a Name the shape. b How many degrees are there in $\angle A$?	a octagon b 45°
3 Share $\pounds 4.76$ equally among seven children. Find how much each has. Write the answer a in pence b in \pounds .	a 68p b $\pounds 0.68$
4 A teaspoon holds 5ml. What decimal fraction of a litre is contained in 100 spoonfuls?	0.5l
5 Find in grams. a 0.1 kg b 0.4 kg c 0.8 kg	a 100g b 400g c 800g

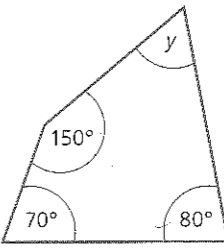
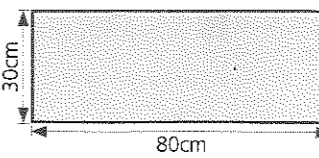
6  The perimeter of the rectangle is 96cm. The width is 15cm. Find its length.	33cm								
7 What is the largest of these decimal numbers? 1.1, 0.98, 1.12, 1.06	1.12								
8 The thickness of 100 sheets of card is 14.5cm. Find the thickness in millimetres of a 10 sheets b one sheet.	a 14.5mm b 1.45mm								
9  These angles are equal. a How many right angles are equal to the sum of the five angles? b How many degrees are there in each of the five angles?	a 4 b 72°								
10 Tissues are sold at five for 35p. What is paid for 30 tissues?	$\pounds 2.10$								
11 Alfie spent $\frac{3}{5}$ of his money on sweets and $\frac{3}{10}$ on ice cream. What fraction of his money had he left?	$\frac{1}{10}$								
12 <table border="1" data-bbox="816 1848 1009 1984"> <tr><td>Marek</td><td>10 years</td></tr> <tr><td>Harry</td><td>9 years</td></tr> <tr><td>Evie</td><td>years</td></tr> <tr><td>Becky</td><td>10 years</td></tr> </table> The mean average age of the children is 9 years. How old is Evie?	Marek	10 years	Harry	9 years	Evie	years	Becky	10 years	7yr
Marek	10 years								
Harry	9 years								
Evie	years								
Becky	10 years								

Mental Arithmetic 4 Answers

A	Answer
1 Write as a decimal a 407 tenths b 209 hundredths.	a 40.7 b 2.09
2 How many days in 1 year?	365
3 $4^2 + 3^2 - 2^2 =$	21
4 $50\text{p} + \text{two } 20\text{ps} =$ 5ps	18.5ps
5 $0.55 + \dots = 1$	0.45
6 $\frac{9}{10}$ of 1kg = g	900g
7 $63 \div 7 = 54 \div \dots$	6
8 $\frac{2}{5} + \frac{5}{10} =$	$\frac{9}{10}$
9 $0.48\text{m} \div 8 =$ cm	6cm
10 $\pounds 2.30 - 95\text{p} = \pounds$	$\pounds 1.35$
11 $87 \times 6 =$	522
12 Write as a decimal, $9 + 3$ tenths + 17 hundredths.	9.47

B	Answer
1 Write the value of the digit underlined. a 3 <u>6</u> .09 b 1 <u>8</u> 0.6	a 9 hundredths b 80
2 By how many grams is 1.3kg heavier than 700g?	600g
3 Find the cost of eight tomatoes at 19p each.	$\pounds 1.52$
4 By what length is 0.5m less than 10.05m?	9.55m
5 Write the 24-hour clock time which is 17min later than 13:55.	14:12
6 How many 12p eggs can be bought for $\pounds 1.80$?	15
7 Which two of these fractions when added together make a whole one? $\frac{5}{8}, \frac{2}{5}, \frac{1}{4}, \frac{6}{10}, \frac{1}{8}$	$\frac{2}{5}, \frac{6}{10}$
8 Find the average of 1.6l, 0.8l, 1.2l.	1.2l
9 Write 284 using Roman numerals.	CCLXXXIV
10 Find in centimetres the length of a line that is twice 85mm.	17cm
11 Round 295 373 to the nearest 1000.	295 000
12 Find the perimeter of a rectangle 12.5cm long and 3.5cm wide.	32cm

SECTION 1 | Test 10

C	Answer												
1 What is the greatest possible remainder when a whole number is divided by 9?	8												
2 How many pieces of ribbon each 4.5cm long can be cut from a length of $4\frac{1}{2}\text{m}$?	100												
3 A bag of rice having a mass of 200g costs 40p. Find the price per kilogram.	$\pounds 2.00$												
4 What is the 12-hour clock time which is $1\frac{1}{4}\text{h}$ earlier than 13:05? Use a.m. or p.m.	11.50 a.m.												
5 Eggs are packed in boxes in layers of 20. If there are four layers in each box and five boxes, find the total number of eggs.	400												
6 <table border="0" data-bbox="2285 840 2819 1008"> <tr><td>£</td><td>What is the missing sum of money?</td><td>£5.50</td></tr> <tr><td>8 . 6 0</td><td></td><td></td></tr> <tr><td>+ 2 . 9 0</td><td></td><td></td></tr> <tr><td>1 7 . 0 0</td><td></td><td></td></tr> </table>	£	What is the missing sum of money?	£5.50	8 . 6 0			+ 2 . 9 0			1 7 . 0 0			
£	What is the missing sum of money?	£5.50											
8 . 6 0													
+ 2 . 9 0													
1 7 . 0 0													
7  How many degrees are there in the angle marked y?	60°												
8 $15 \times 36 = 540$. By how many is 16×36 more than 540?	36												
9 A 2l can is $\frac{7}{10}$ full. How many more millilitres are required to fill it?	600ml												
10 A map is drawn to a scale 1cm to 10km. Find the actual distance represented by 54mm.	54km												
11 How many right angles are equal to the sum of the three angles in a triangle?	2												
12 How many tiles each 10cm square are needed to cover the area shown? 	24												