SECTION 2 Test 11	
A	Answer
1 three 50ps and thirteen 10ps = £	<u>f2.</u> 80
2 5l ÷ 4 = ml	<u>12</u> 50m <u>l</u>
3 4h.27min + 2h 35min =	7h 2min
4 6% of 500ml =	30ml
5 3.75m – 2800mm = mm	950mm
6 1,12 ÷ 8 =	0.14
$7 14 - 5\frac{3}{8} =$	<u>\$</u>
$\frac{4}{5} \times \frac{3}{5} =$. <u>4</u> 15
$9 \cdot 10 - 2 \times 5 + 9 \div 3 =$	3
10 Write as decimal fractions.	:
a 23% b $\frac{3}{15}$	a 0.23 b 0.2
11 0.25 million + 6700 =	, 256,700

_: 12	$f \div 7 = f2.67$	f18.69
		Answer
;1	Subtract half of £4.36 from £5.	<u>£2.82</u>
2	Find in litres the total of 375ml, 0.325l and 0.25l.	0.950
: 3:	Find in millimetres $\frac{7}{10}$ of 8cm.	56mm
: 4	Multiply 50 by $1\frac{4}{5}$.	90
5	What distance is travelled in 40min walking at an average speed of 6km/h?	4km
6	Write as a percentage.	
	a 30p of £2	a 15%
	b 30p of £4	b 7.5%
.7	1m of felt costs £6. Find the cost of 90cm.	£5.40
8	How many thousandths have the same value as 16 hundredths?	160 thousandths
9	Write 5cm of 10m as a fraction in its simplest form.	
10	Find the difference between 100 times £0.36 and 1000 times £0.36.	£324
11	a Write as a decimal to the nearest tenth $9\frac{37}{100}$.	a 9,4

12 miles ≈ 32km

ECTION	2 Test 11				Schofield & Sims
and the second second		Answer	$\langle \epsilon angle$		Answer
three 50ps a	nd thirteen 10ps = £	£2.80	1	Write as a fraction in its lowest terms.	
		<u>1250ml</u>		a 2p of 10p b 5p of £1	a $\frac{1}{5}$ b $\frac{1}{20}$
		7h 2min	2	Calculate angle	∠x 88°
4h,27min + 2				x and angle y .	∠x 88° ∠y 135°
6% of 500m	l =	30ml		92°×	
3.75m – 280	0mm = · mm	950mm			
1,1,2 ÷ 8 =		0.14	3	Find the total mass of 50 packets each having a mass of 3.56kg.	178kg
$14 - 5\frac{3}{8} =$	-	\$ <u>5</u>	4	Alice pays £9.00 per week for meals	
$\frac{4}{5} \times \frac{3}{5} =$	•	. <u>4</u> . 15		at work. The price of a meal is to be increased by 5%. How much will	
10 – 2 × 5 +	9 ÷ 3 =	3		she pay then?	£9.45
) Write as dec	imal fractions.		. 5 :	09998.7 This is a reading of the number of kilometres	
a 23 % b	<u>3</u> 15	a 0.23 <u>b 0.2</u>		travelled by a car. How many kilometres short of	
0.25 million	+ 6700 =	4 256 700		10000km has the car travelled?	1.3km
			, 6	Share £55 in the ratio of 2:3.	£22 £33
$2 \cdot \mathbf{f} \div 7 = \mathbf{f}.$	2.67	f18.69	: 7	Which of the triangles X, Y or Z has	
		Answer		a three lines of symmetry	a Z
Subtract half	f of £4.36 from £5.	£2.82		b one line of symmetry	<u>b X</u>
•			:	c no line of symmetry?	c Y
Find in litres 0.325l and 0	the total of 375ml, 1.25l.	0.9501		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Find in millin	netres $\frac{7}{10}$ of 8cm.	56mm		scalene	Z
Multiply 50 l	by $1\frac{4}{5}$.	90		/ ISOSCEICS /	/ condition \
	ce is travelled in 40min n average speed of 6km/h?	4km	8	10 bananas cost £1.40. Find the cost of 25.	£3,50
ū			9	20mm Find the area	
Write as a po	_	450/		of this shape in mm².	500mm²
a 30p of £2 b 30p of £4		a 15% b 7.5%		20mm	
		<u>D</u>		22	
1m of felt co of 90cm.	osts £6. Find the cost	£5.40		30mm	
How many t	housandths have the same		10	For which of the examples below is	•
value as 16 l		160 thousandths		a 100 the best approximation	a 10 × 9.9
	f 10m as a fraction in its	_1_		b 10 the best approximation?	b 10 × 0.99
simplest for		200		0.9 × 10 10 × 0.99 1.9 × 10 10	× 0.09 10 × 9.9
	erence between 100 times 000 times £0.36.	£324	1,1	Jack delivers newspapers on each of	
1 a Write as a	decimal to the nearest		:	six days. The deliveries take 55min each day. He is paid 80p per hour.	
tenth 9 100	<u>.</u>	a 9,4		How much does he earn each week?	<u>£4.40</u>
b Write to t	he first decimal place 8.64.	b 8.6	12	Liz travelled to Blackpool in $2\frac{1}{2}h$	
2 miles ≈ 3	2km	20 miles		at an average speed of 64km/h. How far did she travel?	160 km

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b $\frac{1}{20}$	
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160km	lyty granima

Me	ntal Arithmetic 5 Answers	
A		Answer
1	2 × 34 × 5 =	340
2	f3.73 + f1.17 + 90p = f	£5.80
3	$\frac{3}{8} \times \frac{2}{3} =$	1/4
4	855g + g = 1.25kg	395g
- 5	a 86p = % of £1	a 86%
	b 50p = % of £5	<u>b</u> 10%
6	$\frac{232}{8}$ = x. Find the value of x.	29
7	$3.5l - (750ml \times 4) = ml$	500ml
8	$\begin{array}{ccc} & 7.5 & \text{Find the value} \\ 20 & y & \text{of } y. \end{array}$	150
· 9	200 × 0.018 =	3.6
,10	100 miles ≈ ∷ km	160km
11	$f10 - (f2.27 \times 3) =$	£3.19
12	$(6 \times 0.5) - (7 \times 0.25) =$	1.25
J. 1889		
		Answer
1	Write 77 ÷ 8 as	77
	a an improper fraction	a $\frac{77}{8}$ b $9\frac{5}{8}$
	b a mixed number.	<u>b</u> 98
2	A magazine is 1.8mm thick. What would be the height of a pile of	
	a five magazines	a 9mmb 27mm
_	b 15 magazines?	<u> </u>
3	How many days inclusive from 19 October to 6 November?	9.
4	How many thousands in a quarter of a million?	250 Th
5	How many grapes costing 2p each can be bought for £5.90?	295
- 6	One can contains 1.25l and another 950ml. Find the average contents in litres.	1,1[
7	Write as a decimal.	
	a 850g of 1kg	a 0.85
	b 730g of 1kg	<u>b 0.73</u>
8	The height of a triangle is 20cm and the area is 160cm². Find the length of the base.	16cm
9	Divide the total of £3.87 and £4.33 by 4.	£2.05
10	Write as a decimal. a $\frac{9}{20}$ b $\frac{7}{25}$	a 0.45 b 0.28
11	Find the distance covered in 20min at an average speed of 15km/h.	5km
12	8% of a sum of money is 24p. Find the whole amount.	£3.00

		Answer
1	Write each of the following to the nearest whole unit.	
	a 8.502kg	a 9kg
	b 6.92l	b 71
	How many jars of jam costing 80p each can be bought for £4.80?	6
	Which of these decimals is equal to	
	a 25% b $2\frac{1}{2}$ %?	a 0.25 b 0.025
	2.5 0.025 0.25 25.0	
	Write the value of each.	
	a 24 + 6 ÷ 3 – 1	a 25
	b $(24 + 6) \div (3 - 1)$	b 15
	c (24 + 6) ÷ 3 – 1	c 9
	Find the area of the shape.	136cm²
	Write in kilometres per hour a speed of 9km in 10min.	54km/h
	A discount of £8 was given when paying a bill of £64. Write the discount as	
	a a simple fraction in its lowest terms	<u>a</u> 8
	b a percentage.	b $12\frac{1}{2}\%$
	The mass of £1 worth of 1p coins is 356g What is the mass of 25 of the coins?). 89g
•	The line AB has been drawn to the scale 1cm to 5km. Find the distance represented by the line.	27km
	mm 10 20 30 40 50	60
	*	3
0	AB is a part of the circumference of a circle 2.8cm in diameter. Find in millimetres the	e
	O A centre length of the line OD.	. <u>14mm</u>
1	The population of a town in 1950 was 1.0 million. By the year 2000 there was a 10% increase. Write in millions the population in the year 2000.	1.1 million
2	This is the net of a box. When the box is made what will be	<u>e</u> n
	a the surface area	a 250cm²
	្រី 5cm b the volume	