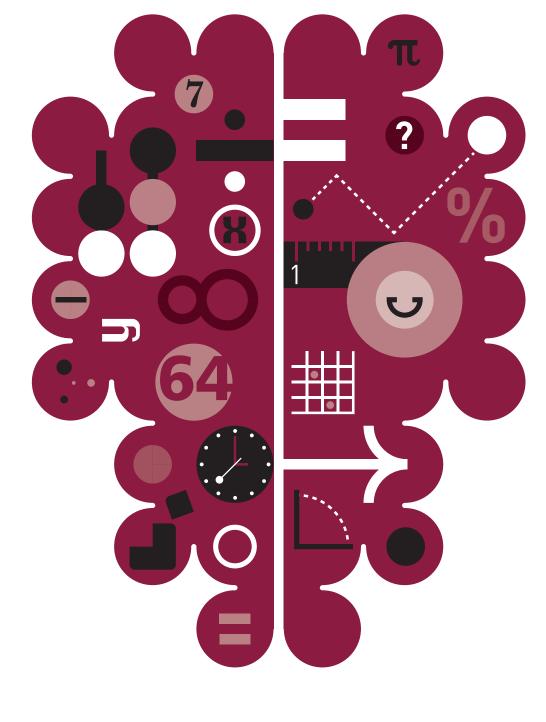
Schofield&Sims







Name

Schofield & Sims

А	Answer	C	Answer
1 Th H T U Write in words the number shown on the abacus.	and and fifty-four	 Which of these numbers will not divide into 36 without a remainder? 1 2 4 6 8 9 	8
2 (3 × 9) + 6 =	33	2 Find the value of the missing number. 24 + 28 = 12	40
3 5 + 1 = 13		3 How many greater is 4×7 than $4 + 7$?	17
 4 9cm 4mm = mm 5 237p = f 	<u>94mm</u> £2.37	4 11 12 This clock is	
6 80 × 10 =	800	9 2 14min slow. Write the correct time	
7 (18 ÷ 3) – (16 ÷ 4) =	2	⁸ ⁴ using a.m. ⁷ ⁶ or p.m.	9:07 p.m.
8 $\frac{3}{7} + \frac{2}{7} =$ 9 28p + 80p = f	<u>5</u> <u>7</u> £1.08	evening 5 By how much is the value of fifteen	
10 $f6 = 50ps$	12 50ps	2ps less than the value of nine 5ps?	<u>15p</u>
11 1h 50min = min	110min	6 If 100g of flour costs 30p, how much will 350g cost?	£1.05
12 300 - 175 =	125	7 (54 ÷ 9) + (3 × 12) =	42
В	Answer	8 Arrange these digits to make the largest possible number.	
1 Add four hundred to one thousand and ten. Answer in digits.	1410	0 7 9 1	9710
2 Increase 29 by 33.	62	9 Find the length in centimetres of the marked length.	3cm
3 Find the change from 50p after spending 28p.	<u>22</u> p	12cm	
4 Multiply £0.40 by 8.	<u>f3.20</u>	E Z Z	
5 Write 87 to the nearest 10.	90	2 cm 4cm	
6 Divide 200 by 10.7 Write as £s the sum of 26p, 28p	20	10 If $\frac{1}{2}$ kg costs 86p, how much	
and 50p. 8 27p = 5ps plus six 2ps	<u>£1.04</u> 3 5ps	will $\frac{3}{4}$ kg cost?	<u>£1.29</u>
9 How many tenths in $1\frac{1}{2}$?	<u>15</u> 10	11 Signs on a motorway are 100m apart. Find in kilometres the distance between 11 of the signs.	1km
10 Subtract 36p from £1.	64p	12 Name the two rectangles, each of	V
11 How many 2ps have the same value as four 10ps?	20 2ps	which has three quarters shaded.	
12 Find the cost of one if 10 cost £1.	10 p	W X Y	Z

SECTION 1 | Test 2

Α	Answer
1 Th H T U Write in words the number shown on the abacus. four thousand six H	nundred and two
2 180 + 30 =	210
3 600 ÷ 10 =	60
4 98mm = cm mm	<mark>9</mark> cm 8mm
5 (8 × 12) + 7 =	103
6 204cm = m cm	2 m 4 cm
7 240 - 70 =	170
8 Write 37 using Roman numerals.	XXXVII
9 $\frac{1}{5}$ of 25 + $\frac{1}{7}$ of 7 =	6
10 22 + 8 + 34 =	64
11 75min = h min	<u>1h 15min</u>
12 £1.00 – p = 53p	47 p
В	Answer
1 Write in digits three thousand one hundred and fourteen.	3114
2 By how many grams is 820g less than 1kg?	180 g
3 Divide 1m by 5. Answer in	20

centimetres.	20 cm
4 Find the change from a 50p after spending 16p.	34p
5 Find the cost of one if 10 cost £2.	20 p
6 How many eighths in 5 whole ones?	<u>40</u> 8
7 84p = 7 10ps + 2ps	7 2ps
8 Find the sum of £0.24 and £0.69.	£0.93
9 What must be added to 75p to make £1.50?	75 p
10 How many minutes from 7:47 a.m. to 8:15 a.m.?	28 min
11 One costs £0.49. Find the cost of three.	£1.47
12 Find the difference between	

7 × 9 and 9 × 6.

С Answer 1 Take two thousand and twenty from 2222. 202 2 What number other than 1. 3 and 27 will divide into 27 without leaving a remainder? 9 3 Which of the triangles is a right-angled triangle and has two equal sides? W w Х Ζ Y 4 One-quarter of a class of 32 children have black hair. How many children do not have black hair? 24 5 Which three coins are given in change from £2 after spending £1.35? 50p 10p **5**p 6 Write the total mass of the four tins in kilograms and grams. 1kg **450**g 300g $\frac{1}{2}$ kg 400g 250g **7** Find the difference between the two largest fractions in this set. 7 10 $\left\{\frac{3}{10}, \frac{6}{10}, \frac{13}{10}, \frac{4}{10}\right\}$ 8 Find the difference between (7×10) and (7×100) . 630 9 Mia bought a box containing 500 straws. How many weeks will they last if she uses 20 straws each week? 25 10 Write the sum of £0.36, £1.24 and £1.40. £3.00 **11** How many children altogether in the four classes? 100 Class 1 Class 2 Class 3 Class 4 25 26 25 24 12 If baby food is sold at £2 per $\frac{1}{2}$ kg, how many grams can be bought for a f1 250g а

b 50p? b 125g

9

А	Answer
1 910 + 90 =	1000
2 18p + 7p = 20p + p	5 p
3 15 × 10 =	150
4 $\frac{7}{9} - \frac{5}{9} =$	<u>9</u>
5 $(10 \times 0) + (4 \times 8) =$	32
6 43 + 47 =	90
7 400 - 120 =	280
8 1kg – 250g = g	750 g
9 £3 = 5ps	60 5ps
10 1h 45min = min	105 min
11 £2.67 = 10ps + 7p	26 10ps
12 $(\frac{1}{6} \text{ of } 42) + (\frac{1}{5} \text{ of } 30) =$	13

В	Answer
1 Find the total of 29 and 81.	110
2 What is the change from a 50p after spending 19p and 18p?	13 p
3 Decrease 20cm by 20mm.	18 cm
4 Multiply 6 by 12 and add 8.	80
5 Write 124mm to the nearest centimetre.	<u>12cm</u>
6 What sum of money is six times greater than £0.19?	<u>£1.14</u>
7 Write 40 using Roman numerals.	XL
8 $\frac{1}{2}$ kg of spaghetti costs £1.50. What is the cost of 100g?	30 p
9 How many 5ps are equal to £2.75?	55 5ps
10 How many times greater is £4.20 than 42p?	10
11 How many days altogether in the 6th and 7th months of the year?	61 days
12 How much change from four 20ps after buying eight buttons at 9p each?	<u>8p</u>

Schofield & Sims

С			Answer	
1	Write this date in digits or The twenty-first day of Au two thousand and sevente	ugust	21/0	8/2017
2	$\begin{array}{c c} Y \\ 1\frac{1}{2}kg \end{array}$	How many more grams must be placed in bag Z to match the weight of bag Y?		700g
3	$(4 \times 0) + (1 \times 9) + (10 \times 1)$) =		19
4	Which two of these fraction	ons		
	are equivalent? 3 + 4 + 3 + 3 + 3 + 3 + 4 + 12 + 6 + 10		<u>3</u> 5	<u>6</u> 10
5	One 20p and a 5p were g change from £2. How mu been spent?		<u>£1.75</u>	
6	Write the missing signs +, in place of \bigcirc and \blacktriangle . 9 \bigcirc 4 = 25 \blacktriangle 5	–, × or ÷	•-	÷
7	How much greater is the or round the rectangle than distance round the square 14mm	the		4mm
8	If 1kg of fudge costs £1, fi cost of	nd the		
	a 100g		a	10 p
	b 300g.		b	<mark>30</mark> p
9	Add three-quarters of 24 one-seventh of 56.	to		26
10	Samina was born in Janua Hassan was born 5 month In what month was Hassa	ns earlier.		August
11	Five biscuits of equal value What do three of the bisc			24 p
12	Tom and Sophie travel fro to school and back once a How many kilometres mo Sophie travel in 5 days that School	a day. re does		2km
	Tom	Sor	ohie	

A		Answer	С	Answer
1 48	5 = 📕 tens + 5 units	48 T	1 Write the time 12 hours after 8 p.m. Use a.m. or p.m.	8 a
2 $2\frac{1}{2}$	kg = g	2500 g	2 Write nine-tenths as a decimal.	
3 200	00 + 900 + 70 + 6 =	2976	3	
4 250	cm = mm	250mm	W X Y	Z
5 90	00 ÷ 10 =	900	a Which of the shapes has two pairs of parallel lines, four sides of equal length and four	
5 £1.	.00 – 82p = p	<mark>18</mark> p	right angles?	a z
7 37	÷ 4 = r	<u>9 r 1</u>	 b Name this shape. 4 Find the change from £3 after spending £1.38 and £0.22. 	b square £1.40
3	p – 8p = 5p	13 p	5 If six lemons cost 90p what is the	11.40
310	03 + 97 =	3200	cost of	
n \A/r	rite 44 using Roman numerals.	XLIV	a one lemon b four lemons?	a b
	– 350ml = ml	650ml	6 By how many is $\frac{3}{4}$ of 20 greater than $\frac{3}{5}$ of 20?	
2 (9 :	× 9) + 8 =	89	7 Write the total capacity of the three bottles	
3		Answer	ml ml ml ml millilitres.	<u> 1l 71</u>
	of a number is 8. hat is the number?	24	8 In a drama club of 14 boys and 16 girls, three children were absent.	
2 Sub	btract £1.27 from £2.	73 p	What fraction of the children were a absent	a <u>1</u>
Mu	ultiply £2.08 by 6.	£12.48	b present?	b $\frac{9}{10}$
Ad	ld 6 to the product of 7 and 7.	55	9 Favourite drink How many more	
	d the remainder when 71 is vided by 8.	7	15 children chose milk 10 than	
28	p plus 46p plus 📕 p = £1	26 p	5 - Iemonade as their favourite	
	ld the odd numbers between and 28.	52	o the second drink?	
Inc	crease $12\frac{1}{2}$ cm by 25mm.	15 cm	10 How many packets of popcorn each having a mass of 250g can be made	
Но	w many metres in 25cm × 8?	2 m	from a $4\frac{1}{2}$ kg pack?	
	ht pens cost 64p. What did e cost?	8p	11 The distance round a triangle having equal sides is 18cm. Write the length of each side in millimetres.	60r
1 Ho	w many years from 1875 to 1985?	110	12 A packet of mints has a mass of 188g Write the mass of 10 packets	
2 If o	one sticker costs £0.05, find the		a to the nearest 100g	a 190
	st of 100.	£5.00	b to the nearest kilogram.	b

А	Answer
1 43 ÷ 6 = ■ r ■	7 r 1
2 500 = t ens	50 T
3 $\frac{1}{12} + \frac{10}{12} =$	<u>11</u> 12
4 186cm = m cm	1m 86cm
5 2200 + 800 =	3000
6 167mm = cm mm	16cm 7mm
7 11:16 a.m. to noon = min	44 min
8 210 × 10 =	2100
9 15 - 6 = + 3	6
10 77p + 25p = f	£1.02
11 (5 × 9) + 16 =	61
12 $(72 \div 9) + (0 \div 3) =$	

В	Answer
1 Find the sum of £1.80 and £0.18.	£1.98
2 Subtract 40mm from 15cm.	11 cm
3 Write in digits, three thousand and fifty-nine.	3059
4 Write in digits the time that is $4\frac{1}{4}$ hours after midday. Use a.m. or p.m.	4:15 p.m.
5 Multiply 9 by 90.	810
6 Add £0.19 to £2.36.	£2.55
7 Find the difference between £5 and £3.44.	£1.56
8 Write in digits the number that is half of nine thousand.	4500
9 Find in centimetres, $\frac{3}{10}$ of half a metre	e. 15 cm
10 What is the product of 5 and 75?	375
11 What must be added to 13p and 16p to equal 40p?	11 p
12 Find the cost of one scarf if 10 cost £25.	<u>£2.50</u>

Schofield & Sims

C			Answer
1	Find the cost of at 28p per kg.	$l_2^{\frac{1}{2}}$ kg of tomatoes	42 p
2	three10psfourteen5pseight2psfour1ps	Olivia exchanged these coins for 20ps. How many did she get?	<u>6</u> 20ps
3	Which fraction ir equivalent to the $\{\frac{4}{6}, \frac{12}{15}, \frac{6}{9}, \frac{8}{12}, \frac{2}{3}\}$		<u>12</u> 15
4	How many mont have 31 days?	hs in a year	7
5		ravel	42 km
6		What fraction of the circle is a shaded b unshaded?	$\frac{a}{b} \frac{\frac{5}{8}}{\frac{3}{8}}$
7	Ribbon costs 12p Find the cost of		30 p
8	By how much is 5 less than 25p r		£1.95
9	Ryan saved 55p 8 weeks. How m of £5 did he save	uch short	£0.60
10	Georgia had 45p £1.08 and losing How much had s		<u>£1.80</u>
11		e placed in two ps of equal numbers. en were there in	31
	Silverside	School	
	Number of children	Year 5 – 33 Year 6 – 29	
12	Write the missing in place of $lacksquare$ and	g signs +, −, × or ÷ d ▲ .	
	9 🔵 5 🔺 6 = 8		• + • -

Α Answer 1 8000 + + 40 + 8 = 8548 500 2 5 weeks = days 35 days **3** 420 ÷ 10 = 42 **4** £1.00 − 28p = p 72p **5** 1030 + 70 = 1100 **550**ml 6 1l − 450ml = ml 7 r 2 7 58 ÷ 8 = r 7 8 6 + = 9 + 4 9 63cm + 38cm = m cm 1m 1cm $\frac{13}{12}$ or $1\frac{1}{12}$ 10 $\frac{5}{12} + \frac{8}{12} =$ 11 $(\frac{1}{6} \text{ of } 54) + (\frac{1}{3} \text{ of } 12) =$ 13 **12** $(4 \times 5) + (4 + 5) =$ 29

В	Answer
1 Find the difference in centimetres between 5m and 465cm.	35 cm
2 How many thirds in 3 whole ones?	<u> </u>
3 Divide £4.20 by 7.	60p
4 Subtract 60cm from $1\frac{1}{2}$ m.	90cm
5 Write in digits the time that is $2\frac{3}{4}$ hours after 11 a.m. Use a.m. or p.m.	1:45 p.m.
6 Find the sum of £0.48 and £1.54.	£2.02
7 Write 59 using Roman numerals.	LIX
8 18p + 18p + 18p + 18p =	72 p
9 How many 50ps would be exchanged for £9.50?	19 50ps
10 Find the cost of 10 if one costs 25p.	£2.50
11 Multiply \$1.99 by 3.	\$5.97
12 How many flowers each costing 4p can be bought for £2?	50

С		Answer
n	rom five thousand subtract ine hundred. Write the answer n digits.	4100
a	ivide the sum of 4p, 6p, 8p nd 10p into four equal amounts. low much is each amount?	7
	Vhat number must be subtracted rom 58 to leave 29?	2
4	How much will 36 cards cost?	<u>£1</u>
	$8 + 9 - \blacksquare = 10$. Find the value of me missing number.	1
	nd the change from £1 after uying six bananas at 14p each.	16
	low much greater is £0.72 ÷ 8 nan 42p ÷ 6?	2
	and the total cost of six tins of tuna. the tins of tuna. $T_{UNA}_{E1.30 4809}$	£5.10
	Vhat is the mass in kilograms and rams of	
	the six tins of tomatoes the three tins of tuna?	a 2kg 700 b 1kg 440
10	× v	Z
a b	Vhich of the triangles is a right-angled triangle an acute-angled triangle an obtuse-angled triangle?	a Z b Y c X
11 Ta	ake $\frac{1}{4}$ of 100 from $\frac{7}{10}$ of 100.	4
fr	low many minutes longer is it rom 9:10 a.m. to noon than rom 1:30 p.m. to 4:00 p.m.?	20 mii

А	Answer
$1 \frac{13}{10} - \frac{6}{10} =$	<u></u> <u>7</u>
2 £1.50 + 65p = £	£2.15
3 1l 600ml = ml	1600 ml
4 2000 + • + 6 = 2036	30
5 38 ÷ 9 = r	4 r2
6 From noon to 4:15 p.m. = h min	4h 15min
7 70 × 100 =	7000
8 (9 × 7) + (8 × 5) =	103
9 4046 + 54 =	4100
10 17 - 8 - 4 =	5
11 25 2ps = 10ps	5 10ps
12 $(49 \div 7) + (36 \div 6) =$	13

В	Answer
1 Find the product of 6 and 14.	84
2 How much greater is £5 than £3.31?	£1.69
3 Find the total of the odd numbers between 6 and 12.	27
4 How many fifths are equal to eight-tenths?	<u>4</u> 5
5 Multiply 12p by 7.	84 p
6 Subtract 200g from $\frac{1}{4}$ kg.	50 g
7 Four pencils cost 60p. Find the cost of one pencil.	15 p
8 Find the difference in length between $1\frac{1}{2}$ m and 135cm.	15 cm
9 Write 96mm to the nearest centimetre.	10 cm
10 How many times smaller is 80 than 8000?	100
11 100 cost £4.00. What is the cost of one?	4 p
12 Write as £s the value of thirty-nine 5ps.	£1.95

Schofield & Sims

С		Answer
1	Ahmed has £1.56 and Katie has £1.44 If they share their money equally, how much does each have?	<u>f1.50</u>
2	Write the next two numbers in the sequence. 5, 4, 3, 2, 1, 0,	
3	Find the cost of 500g if 200g cost 40p.	<u>f1.00</u>
4	How many times larger than 25 is	
	a two hundred and fifty	a 10
	b two thousand five hundred?	b 100
5	A concert started at 7:15 p.m. The programme lasted for $1\frac{1}{2}$ hours. There was also a 10 minute interval. At what time did the concert end?	8:55 p.m.
6	Write 4m 45cm as	
	a centimetres	a 445cm
	b millimetres.	b 4450mm
7	Find the change from £2 after buying $3\frac{1}{4}$ kg of cheese at 40p per kilogram.	70 p
8	Five less than three thousand one hundred. Write the answer in digits.	3095
9	How many greater is the sum of the odd numbers in the box than the sum of the even numbers?	2
10	Freya has 80p pocket money. She saves $\frac{1}{5}$ and spends the remainde How much does she	
	a save	a 16p
	b spend?	b 64p
11	Nine trays, each containing six cakes, were bought for a party. If nine cakes were left over, how many had been eaten?	45
12	Write all the numbers between 40 and 60 which are multiples of 7.	42, 49, 56

10

SECTION 1 | Test 8

<u>1</u> 20 kg

3.6

3.1

A –

С

● ×

0.9 2.8

Mental Arithmetic 3 Answers		SECTION 1 Test 8
А	Answer	C Answer
1 2 × 2 × 2 =	8	1What must be added to 25cm and 39cm to make 1m?36cm
2 p + £1.28 = £1.50	22 p	2 What is the number nearest
3 290 + 120 =	410	to 60 that will divide by 9 without a remainder? 63
4 $2\frac{1}{4}$ m = cm	225cm	3 ³ The three marked
5 51 ÷ 4 = r	<u>12 r 3</u>	2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2
6 10p + 10p + 5p - 14p =	11 p	0 1 2 3 4 coordinates of the fourth vertex
7 110mm = cm	11 cm	of the square.
8 $\frac{13}{9} - \frac{8}{9} =$	<u>5</u> 9	4 Continue the sequence:
9 $2\frac{3}{4}$ kg = g	2750 g	7, 5, 3, 1, 1 ,
10 $(7 \times 6) + (8 \times 0) =$	42	5 Four sweets cost 9p. Find the cost of 20 sweets. 45p
11 48 hours = days	2 days	6 The distance round the
12 $(\frac{1}{9} \text{ of } 27) - (\frac{1}{8} \text{ of } 8) =$	2	rectangle is 20cm. If the length is 6cm,
В	Answer	6cm what is the width?4cm
1 Write 84 using Roman numerals.	LXXXIV	7 Find the value of the missing number. 13 + 19 = 425 7
2 Write 4750g to the nearest kilogram.	5kg	• This clock is 12
3 Find the product of 8 and 65.	520	10 ¹¹ ¹² ¹ ² ¹ ¹ ² ¹ ¹ ¹ ¹ ² ¹ ¹ ² ¹
4 How many teabags costing 6p each can be bought for £3.00?	50	7 6 5 7 6 5 5 7 6 5 6 5 6 6 6 6 6 6 6 6 6 6
5 How many months in five years?	60	morning
6 What must be added to £2.52 to make £5?	£2.48	 9 Eva's uncle is 34 years and 5 months old. Eva's aunt is 33 years and 8 months old. How many months older
7 A 64cm strip is cut into eight equal pieces. Write the length in millimetres		is her uncle than her aunt?9mth
of one piece.	80mm	10 What fraction of 1kg is each bar of soap? A $\frac{1}{5}$ kg
8 Multiply 16 by 7.	112	$\begin{array}{ccc} A & B & C \\ \hline D & D & D \\ D & D & D \\ \hline D & D & D$

- 9 Decrease $5\frac{1}{4}$ m by 50cm. Answer in metres. **4**^{<u>3</u>}<u>4</u>m
- 10 If one yoghurt costs 9p, find the cost of 100.
- **11** Find the difference between (136 + 66) and (10 × 20).
- 12 How many 2ps have the same value as twenty 5ps?

11

2

50 2ps

£9.00

2009

3.6

11 Write these decimals in

in place of \bigcirc and \blacktriangle .

(5 ● 5) ▲ 5 = 20

ascending order.

[1009

3.1 2.8 0.9

12 Write the missing signs +, -, × or ÷

Schofield & Sims

A		Answer	C Answer
1	f2.40 + 70p = f	<u>£3.10</u>	1 Subtract (50p × 10) from (5p × 100)0
2	$1\frac{3}{4}m = mcm$	175 cm	2 By how many millimetres is the line AB longer
3	6p × 12 = £	£0.72	than the line CD?10mn
4	17mm + 18mm = cm	3 ¹ / ₂ cm	mm 10 20 30 40 50 60
5	$(6 \times 8) - (4 \times 7) =$	20	
6	f3.00 - f2.18 = p	82 p	3 Rhys has 29 merit points and James has twice as many.
7	59 ÷ 6 = r	<u>9 r 5</u>	How many have they altogether?
8	$\frac{17}{10} - \frac{8}{10} =$	<u>9</u>	4 How many glasses, each holding 300ml, can be filled from a
9	4500m = km	4 ¹ / ₂ km	jug holding $1\frac{1}{2}l$?
10	$\frac{6}{8} =$ quarters	<u> </u>	5 What is the distance in
11	24 months = ears	2yr	centimetres all round
12	11:25 a.m. to 12:15 p.m. = min	50min	this regular hexagon? <u>36cn</u>
В		Answer	6 How many greater is $\frac{3}{4}$ of 12
1	Subtract 8 from 103.	95	than $\frac{2}{3}$ of 12?
2	Write the name of the coin		 Put these decimals in ascending order. 0.53 5.01 1.35 3.51 1.51
	that has the same value as £0.10.	<u>10p</u>	
3	Find six-tenths of 80cm.	<u>48cm</u>	8 The diagram shows how three
4	By how many centimetres is 2m greater than the sum of		friends shared £5. How much did each child have? Hassan £1.50
	80cm and 90cm?	<u> </u>	Hassan Sienna Abi
5	Add twenty-five to one thousand and eighty.	1105	Abi £1.00
6	Find the cost of one toothbrush if 10 cost £5.40.	54 p	9 Which three coins are given in change from £1 after spending 83p? <u>10p 5p 2</u>
7	How many sixths in $\frac{2}{3}$?	<u> 4 </u> 6	10 If 27 January is a Wednesday, what date is the following Wednesday? 3 February
8	How many millilitres must be added to 270ml to make $\frac{1}{2}$ l?	230ml	11 The scale shows the mass of a bag of sugar. How much will it
9	Find the total of $4\frac{3}{4}$ m and $2\frac{1}{2}$ m.	7 ¹ / ₄ m	cost if the price is 30p for 100g? <u>£1.35</u>
10	Write 5300g to the nearest kilogram.	5kg	0 100 200 300 400 500 grams
11	Divide the sum of 19 and 16 by 5.	7	grants 4
12	Write 63 using Roman numerals.	LXIII	12By how many is 15 times 100 less than 3 times 1000?1500

Mental Arithmetic 3 Answers

А	Answer
1 £1.00 − 14p = p	<mark>86</mark> p
2 15mm × 10 = cm	15 cm
3 £1.50 + £2.60 =	£4.10
4 5450m = km m	5km 450m
5 27p × 4 = f	£1.08
6 $\frac{1}{5}$ of £3.00 = p	60 p
7 Write 8 hundredths as a decimal.	0.08
8 5 days = hours	120 h
9 (56 ÷ 7) – (9 ÷ 9) =	7
10 $\frac{1}{2}l - 389ml = ml$	111 ml
11 1m = mm	1000mm
12 $(9 \times 6) + (10 \times 5) =$	104

В	Answer
1 Increase 57 by 35.	92
2 Half of a sum of money is 49p. What is the whole amount?	98 p
3 How many 10cm lengths are there in 5m?	50
4 Multiply the sum of 5 and 4 by 8.	72
5 How many pence in $\frac{3}{8}$ of 40p?	15 p
6 $7 \times \blacksquare = 98$ Find the missing number.	14
7 Write the time $\frac{1}{2}$ h before 12:05 a.m. Use a.m. or p.m.	11:35 p.m.
8 420 minus 80 equals 300 plus	40
9 What is the cost of eight oranges if one orange costs £0.19?	<u>£1.52</u>
10 Find the difference between $\frac{1}{8}$ and $\frac{6}{8}$.	<u>5</u> 8
11 How much short of 3m is 265cm?	35cm
12 Write 81 using Roman numerals.	LXXXI

С		Answer
1	From the sum of 24 and 29 take 13.	40
2	Arrange the digits 4, 0, 2, 5 to make the largest possible even number.	5420
3	The distance round a square is 72cm. What is the length of one side?	18 cm
4	Write the next two numbers in this sequence. 6, 4, 2, 0, ,	
5	How far is it from C to B?	240 m
	920m	
	680m C	B
6	Write the total number of degrees of the four	
	angles in a rectangle.	360°
7	What is the smallest number into which both 4 and 6 will divide exactly?	12
8	A school was opened in 1958. How many years will the school have been open by the year 2020?	62
9	If 1l of milk costs 70p, find the cost of	
	a 100ml	a 7p
	b 400ml.	b 28p
10	nine 2ps three 5ps seven 10ps Kiera had these coins. How much more is needed to make her money up to £1.20?	17p
11	Write the missing signs +, -, × or ÷ in place of \bullet and \blacktriangle . (12 \bullet 3) \bigstar 6 = 10	• ÷ ▲ +
12	Which two coins are given in change from £2 after spending 83p and 66p?	50 p1p

А	Answer
1 1m 50cm ÷ 10 = cm	15 cm
2 $\frac{1}{2}$ kg + 375g = g	875 g
3 7300 ÷ 100 =	73
4 $\frac{7}{8} + \frac{6}{8} =$	$\frac{13}{8}$ or $1\frac{5}{8}$
5 f3.00 - f1.13 =	<u>£1.87</u>
6 450km – 360km =	90km
7 f2.47 + f1.63 =	<u>£4.10</u>
8 $1\frac{1}{2}m = mm$	1500mm
9 $(7 \times 8) - (5 \times 6) =$	26
10 25mm × 8 = cm	20 cm
11 10:24 a.m. to 12:10 p.m. = h min	<u>1h 46min</u>

12 $(\frac{1}{7} \text{ of } 42) - (\frac{1}{9} \text{ of } 18) =$

В		Answer
1	Write seven-tenths as a decimal.	0.7
2	Write the next two numbers in this sequence. 36, 48, 60, 72,	8496
3	Find the total of £2.36 and £0.99.	£3.35
4	9/10 of a sum of money is £45. Find the whole amount.	£50
5	Write 96 using Roman numerals.	XCVI
6	How many grams are there in $\frac{1}{10}$ kg?	100 g
7	What is the difference between 42 and 420?	378
8	Six packets of crisps cost £2.16. What is the cost of one?	36 p
9	Write 250mm in metres.	<u>1</u>
10	Add 2 times 9 to 5 times 9.	63
11	If five crackers cost 30p, what will 15 cost?	90 p
12	<i>xy</i> In the number 9440 how many times greater is the 4 marked <i>x</i> than the 4 marked <i>y</i> ?	10

С Answer 1 In a library there are 138 fiction books and 144 non-fiction books. How many books are there altogether? 282 2 What fraction of 1 hour is <u>1</u> 3 h a 20 minutes а <u>2</u> 3 h **b** 40 minutes? b 3 8kg 500g is divided into 10 equal quantities. What does one of the quantities weigh? **850**g 4 How much will 20 cans 4 cans for 90p cost? £4.50 5 Write these fractions in descending order. $\frac{1}{8}$ $\frac{1}{6}$ $\frac{1}{10}$ $\frac{1}{12}$ $\frac{1}{3}$ $\frac{1}{10}$ $\frac{1}{6}$ <u>1</u> 12 6 By how many metres is the sum of 870m and 650m more than $1\frac{1}{2}$ km? **20**m 7 Which number when multiplied by itself equals 64? 8 8 Write the length of a line 100 times longer than the line YZ a in centimetres 650cm а $6\frac{1}{2}$ m **b** in metres. b 40 30 50 20 60 10 70 mm Ζ 9 Lucy has three times as much as Jakob who has 45p. How much have they altogether? £1.80 10 This is a AOM plan of a playground. 70m How many times must George run round it in order to run 1km? 5 (11) If $\frac{1}{2}$ kg of salt costs 40p, find the cost of a 100g **8**p а **b** 600g. b **48**p 12 Put these decimals in descending order. 6.9 6.3 13.1 1.9 3.7 6.9 6.3 3.7 1.9 13.1

4

Mental Arithmetic 3 Answers

А	Answer
1 5505 - 500 =	5005
2 100 × 21 =	2100
3 14cm + 15cm + 16cm =	45 cm
4 3 × 3 × 3 =	27
5 28p + 25p + 45p = f	<u>£0.98</u>
6 £10.46 = 10ps + 6p	104 10ps
7 $\frac{3}{10}$ of 1km = m	300 m
8 a.m. to 6 p.m. = h	10 h
9 $1\frac{1}{2}$ kg - 600g = g	900 g
10 $(5 \times 7) + (10 \times 8) =$	115
11 $\frac{3}{4}l - 200ml = ml$	550 ml
12 (36 ÷ 9) + (100 ÷ 10) =	14

В	Answer
1 Find the sum of 73 and 48.	121
2 Write 1560mm as metres and millimetres.	1m 560mm
3 Find half of the sum of 12p and 18p.	<mark>15</mark> p
4 What is the product of 4, 5 and 6?	120
5 How many eighths are there in 7 whole ones?	<u>56</u> 8
6 Find the cost of 24 eggs at 6p each.	£1.44
7 What is the remainder when 61 is divided by 9?	7
8 How many years are there from 1984 to the year 2020?	36
9 What number is 101 less than 1000?	899
10 100 chocolates cost £10.00. Find the cost of one.	10 p
11 Add the numbers between 20 and 35 that can be divided exactly by 8.	56
 Find the cost of 3¹/₂ m of ribbon at 16p per metre. 	56 p

С		Answer
1	Divide the sum of 7, 11, 6 and 4 by 7.	4
2	How many 30cm lengths can be cut from a 3m length?	10
3	Find the cost of 2l 250ml of shampoo if 1l costs £2.	<u>£4.50</u>
4	What must be added to $7 + 9$ to equal 7×9 ?	47
5	300 keyrings cost £18. Find the cost of	
	a 100	a f6
	b 10.	b 60p
6	Find the length, in millimetres, of the length marked '?'.	30 mm
	8cm	
	5cm	
7	Dan goes to bed at 7:45 p.m. and gets up at 7:45 a.m. How many hours is he in bed?	12h
8	William bought the chess set at a quarter less than the advertised price. How much did he pay?	£2.70
	Chess set £3.60	
9	150cm Fatima 140cm 140cm 130cm Fatima 130cm Amy The diagram shows two children's heights. How much taller is Fatima than Amy	
	a in centimetres	<u>a 17cm</u>
	b in millimetres?	b 170mm
10	How many 200ml cups can be filled from a bottle holding 4l?	20
11	Write 94 using Roman numerals.	XCIV
12	There are 2055 people in a village. Write the number of people	
	a to the nearest 10	a 2060
	b to the nearest 100	<u>b 2100</u>
	c to the nearest 1000.	c 2000

PROGRESS TEST 1

20

1ps

Write the numbers 1 to 20 down the side of a piece of paper. Write alongside these numbers the **answers only** to the following questions. Work as quickly as you can. Time allowed – 10 minutes.

1 170 + 280 =	450
2 $(\frac{1}{5} \text{ of } 45) - (\frac{1}{7} \text{ of } 63)$	0
3 $(8 \times 8) + (6 \times 6) =$	100
4 $(450 \div 10) - (3500 \div 100) =$	10
5 Write in digits nine thousand and sixteen.	9016
6 Write 99 using Roman numerals.	XCIX
7 Add the numbers between 40 and 50 that can be divided by 7 without a remainder.	91
8 Which of the fractions has the same value as a half?	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<u> </u>
9 How much more than $1\frac{1}{2}$ kg is the total mass of the three boxes?	100g



0 Which three coins are given in change from £2 after spending 60p and 78p?50				
11 Find the cost of one pencil if 10 pencils cost £1.10.	<u>11p</u>			
12 How many minutes are there from 11:17 a.m. to 12:15 p.m.?	58min			
 A boy stands facing west and turns left through three right angles. In which direction is he then facing? 	north			
 14 Find the cost of 300ml if ¹/₂l costs 35p. 15 Put these decimals in ascending order. 	21 <u>p</u>			
0.58 3.11 0.85 4.01 3.09	0.58, 0.85, 3.09, 3.11, 4.01			
16redblueother coloursThe diagram represents the 64 cars which passed a school in one hour. How many of the cars were blue?	24			
17 What fraction in its simplest form is 900g of 1kg?	<u> </u>			
18 Write to the nearest £ the sum of £3.80 and £2.69.	fe			

19 Find the cost of 100 apples if one apple costs 8p. £8.00 Write as £s the total of the contents of the packets. £21.00 а а fifty fifty hundred hundred 10ps 20ps

From: Mental Arithmetic 3 Answers. Copyright © Schofield & Sims Ltd, 2016. This page may be photocopied after purchase.

5ps

PROGRESS TEST 1 | Results Chart

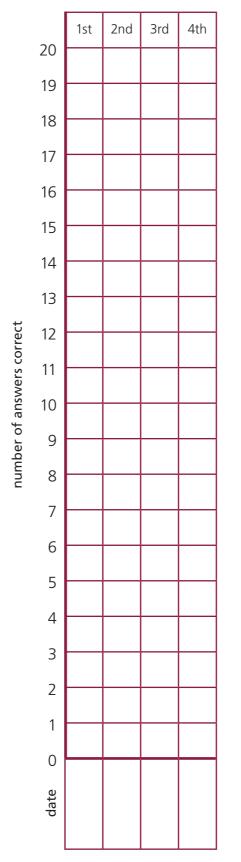
You will work through Progress Test 1 at **four** different times – once at the end of Section 1, then again after you have completed each of Section 2 Test 4, Test 8 and Test 11.

When you first complete the test:

a colour the first column to show the number of answers correct out of 20

b enter the date.

Each time you take the test, enter the result and the date in the marked columns.



From: Mental Arithmetic 3 Answers. Copyright © Schofield & Sims Ltd, 2016. This page may be photocopied after purchase.

A		Answer
	7 + 33 + 9 =	49
2	814 ÷ 2 =	407
3	(19 + 5) - (7 + 8) =	9
F)	$1\frac{1}{4}m = mm$	1250mm
5	1 minute = seconds	<mark>60</mark> s
	9 + 9 + 9 + 9 =	36
,	$\frac{2}{5} =$ tenths	<u>4</u>
	$34p \times 6 = f$	£2.04
	From 10:14 a.m. to noon	12.01
	= h min	1h 46min
)	Round 3.7 to the nearest	
	whole number.	4
	11 × 12 =	132
2	61 ÷ 8 = r	<u>7 r 5</u>
3		Answer
	Write in digits nine thousand	
	seven hundred and nine.	9709
2	There is 69p change from £2. How much has been spent?	£1.31
:	Write 1700g to the nearest kilogram.	2kg
	Divide £2.94 by 6.	49 p
	Take 6 plus 5 from the total of	
	8 and 17.	14
	How many seconds in	
	a $\frac{1}{2}$ min	a 30s
	b $1\frac{1}{4}$ min?	b 75s
	Find the sum of the odd numbers between 56 and 60.	116
	Add LXI and XXXIV and	
	write your answer using Roman numerals.	XCV
)	Find the cost of $2\frac{1}{2}$ kg of peppers	
	at 28p per kg.	70 p
0	What must be added to 5 plus	247
	80 to equal 5 multiplied by 80?	315
	If 2l of milk cost 48p, find the cost of $\frac{1}{4}$ l.	6p
	Find $\frac{1}{6}$ of 84.	14

SECTION 2 | Test 2

A		Answer	С	Answer
1	25 + 5 + 16 + 4 =	50	1 Continue the sequence.	
2	2009 - 10 =	1999	16, 12, 8, 4, 0, 🔛 ,	4
3	85p × 4 = f	<u>£3.40</u>	2 Write, in 24-hour clock format, the	
4	900ml + 870ml = e l e ml	1l 770ml	correct time for each digital clock if a clock X is 18min fast	a 09:57
5	$\frac{18}{3} = 10$ whole ones	6	b clock Y is 25min slow.	b 00:15
6	$30 - (7 \times 4) =$	2		
7	2670m + m = 3km	330 m		
3	£2.58 ÷ 3 = p	86 p		
9	(15 – 6) + (33 – 4) =	38	3 Find the cost of $6\frac{1}{2}$ m of ribbon at 18p per metre.	£1.17
0	Round 4.9 to the nearest whole number. Find	5	4 A tub of playdough has a mass of 450g. Find to the nearest kg, the mass of six tubs.	
	a $\frac{1}{8}$ of 72	a 9		
	b $\frac{7}{8}$ of 72.	b 63	5 Which line is parallel to the line AB?	
2	11 × 11 =	121	A F C	H
		Answer	E G	
B		Allswei	- 3	
B	Write as a decimal fraction a $\frac{3}{10}$ b $\frac{5}{10}$.	a 0.3 b 0.5	 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 	
B	a <u>3</u> 10	a 0.3	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 w x Which of the angles 	
2	a $\frac{3}{10}$ b $\frac{5}{10}$. How many hours and minutes in 95min? Which three coins together	a 0.3 b 0.5 1h 35min	 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 	
2	a $\frac{3}{10}$ b $\frac{5}{10}$. How many hours and minutes in 95min? Which three coins together equal 57p?	a 0.3 b 0.5 1h35min 50p5p2p	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 w x Which of the angles w, x, y, z are 	<u>a v</u>
2	a $\frac{3}{10}$ b $\frac{5}{10}$. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000.	a 0.3 b 0.5 1h35min 50p5p2p 7950	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 w x Which of the angles w, x, y, z are a obtuse 	<u>a \</u>
2	a $\frac{3}{10}$ b $\frac{5}{10}$. How many hours and minutes in 95min? Which three coins together equal 57p?	a 0.3 b 0.5 1h35min 50p5p2p	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 w x y x Which of the angles w, x, y, z are a obtuse b acute? 8 What must be added to one-sixth of 48 to equal ¹/₇ of 63? 	<u>a v</u>
	 a ³/₁₀ b ⁵/₁₀. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000. Write 435cm to the nearest ¹/₂m. If 10 stickers cost 32p, 	a 0.3 b 0.5 1h 35min 50p 5p 2p 7950 4 ¹ / ₂ m	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 Which of the angles w, x, y, z are a obtuse b acute? 8 What must be added to one-sixth of 48 to equal ¹/₇ of 63? 9 Find the difference between (8 + 8 + 8 + 8) and 8 times 6. 	<u>a \</u>
1 2 3 4 5 5	 a ³/₁₀ b ⁵/₁₀. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000. Write 435cm to the nearest ¹/₂m. If 10 stickers cost 32p, what will be the cost of 40 stickers? What is the total of seven, 	a 0.3 b 0.5 <u>1h 35min</u> <u>50p 5p 2p</u> <u>7950</u> 4 ¹ / ₂ m	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 www.x, y, z are a obtuse b acute? 8 What must be added to one-sixth of 48 to equal ¹/₇ of 63? 9 Find the difference between 	a v b :
	 a ³/₁₀ b ⁵/₁₀. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000. Write 435cm to the nearest ¹/₂m. If 10 stickers cost 32p, what will be the cost of 40 stickers? What is the total of seven, twenty-nine and fourteen? 1kg costs £1.28. 	a 0.3 b 0.5 1h 35min 50p 5p 2p 7950 $4^{\frac{1}{2}}m$ £1.28 50	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 V V V V V V V V V V V V V V V V V V V	a v b :
1 2 2 3 3 3 3 3 3	 a ³/₁₀ b ⁵/₁₀. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000. Write 435cm to the nearest ¹/₂m. If 10 stickers cost 32p, what will be the cost of 40 stickers? What is the total of seven, twenty-nine and fourteen? 1kg costs £1.28. What is the cost of 250g? Add XXVII and XL and write 	a 0.3 b 0.5 <u>1h 35min</u> <u>50p 5p 2p</u> <u>7950</u> 4 ¹ / ₂ m f1.28 <u>50</u> 32p	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 w x y x y, z are a obtuse b acute? 8 What must be added to one-sixth of 48 to equal 1/7 of 63? 9 Find the difference between (8 + 8 + 8 + 8) and 8 times 6. 10 What is a half-share of the sum of six 5ps and eight 2ps? 11 Doughnuts how much is caved per formation. 	a v b :
B 2 2 3 3 3 3 3 3 9 9 0 0	 a ³/₁₀ b ⁵/₁₀. How many hours and minutes in 95min? Which three coins together equal 57p? Subtract 50 from 8000. Write 435cm to the nearest ¹/₂m. If 10 stickers cost 32p, what will be the cost of 40 stickers? What is the total of seven, twenty-nine and fourteen? 1kg costs £1.28. What is the cost of 250g? Add XXVII and XL and write your answer using Roman numerals. How many grams must be 	a 0.3 b 0.5 1h 35min 50p 5p 2p 7950 4 ¹ / ₂ m f1.28 50 32p LXVII	 6 Jessica bought the following: cupcake 45p, milkshake 65p. How much change did she get from £2? 7 V V Which of the angles w, x, y, z are a obtuse b acute? 8 What must be added to one-sixth of 48 to equal ¹/₇ of 63? 9 Find the difference between (8 + 8 + 8 + 8) and 8 times 6. 10 What is a half-share of the sum of six 5ps and eight 2ps? 11 Doughnuts 21p each Six doughnuts is aved per doughnut by buying six 	<u>a v</u>

19

A	Answer		C Answer
1 T U tenths Write the number			1 Write the length of the line YZ
shown on the abacus as			a in centimetres and millimetres <u>a 5cm 7mm</u>
a decimal.		32.5	b in centimetres. b 5.7cm
2 (5 × 6) + 4 =		34	cm 1 2 3 4 5 6 7
3 80 tenths = 100000000000000000000000000000000000		8	Y Z
$\frac{2}{3} = $ sixths		4 6	2 Find the difference between $\frac{1}{4}$ of £0.76 and $\frac{3}{4}$ of £0.76. 38p
5 46 + 64 =		110	3 How many days altogether in April,
5 125 × 4 =		500	May and June? 91
$\frac{3}{4}$ min = s		45 s	4 SALE How much will be paid for a
(9+9) - (4+8) =		6	All games reduced game that cost
$(96 \div 12) + (0 \div 8) =$		8	by 15p per £1 £3 before the sale? £2.55
0 £8.54 ÷ 7 =	<u>£1.22</u>		
1 $1\frac{1}{2}$ km - 560m = m 2 f5.00 - f = f3.46	£1.54	940m	5 What number when multiplied by itself gives the number 22 more than 99?11
2 13.00 - 1 = 13.40	11.34		6 Which two of the fractions when
B	Answer		added together equal one whole one?
			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1 Write as a decimal fraction of a centimetre			
a 5mm	а	0.5cm	7 The perimeter of a square is 10cm. Find the length of one side
b 8mm.	b	0.8cm	a in centimetres and millimetres a 2cm 5mm
How many hours and minutes from noon to quarter to four in		45	b in centimetres. b 2.5cm
the afternoon?	<u> </u>	<u>45min</u>	8 A builder ordered 130kg of cement instead of 13kg. By how many
Write 6m 875mm to the nearest metre.		7 m	kilograms was the order too much? 117kg
Find the cost of $4\frac{1}{4}$ kg at 16p			9 Write in digits the times shown on <u>a 11:23 a.m.</u>
per kilogram.		<mark>68</mark> p	the clocks. Use a.m. or p.m. b 8:52 p.m.
Multiply 6 by 6 and divide the answer by 9.		4	a 11 12 1 b 11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
$\frac{3}{4}$ of a sum of money is 21p.			
Find the sum of money.		28p	
Find the total of $(16 + 9)$ and (5×5) .		50	7 6 5 7 6 5
Find one half of four thousand five hundred. Write the answer in digits.		2250	morning evening
Subtract the sum of 23p and 28p from £1.		49 p	10 28 children were on a bouncy castle. There were four more girls than boys. How many boys were there on
0 Add the even numbers		74	the bouncy castle? 12
between 35 and 39.			11 Scissors cost 44p each and rulers
		140	half as much. Find the total cost of 6 pairs of scissors and six rulers. £3.96
between 35 and 39.How many 5ps are equal in value to £7?Make each of the following		140	of 6 pairs of scissors and six rulers. $\underline{f3.96}$
between 35 and 39. 1 How many 5ps are equal	a 0.8	140	

A	Answer	C	Answer
7.6cm + 4mm = cm	8cm	1 Find the whole amount	
Write as a decimal 100 + 10 + 1 + $\frac{1}{10}$	111.1	of money when	
50p – p = 27p	23p	a ² / ₃ is 30p	a 4
(17 - 8) + (11 - 7) =	13	b ⁵ / ₈ is 40p.	b 6
$\frac{1}{10}$ of 1l = ml	100ml	2 ³ The three marked points are three	
10000 + 900 + 8 =	10908	vertices of a	
	10908 15 4	¹ square. Write the coordinates of the	
$3\frac{3}{4} = $ quarters		0 1 2 3 4 fourth vertex of	
$(8 \times 3) - (0 \times 5) =$	24	the square.	/ 1
$17p \times 7 = f$	£1.19	(,)	(<u> </u>
Find		3 Continue this sequence	0
a $\frac{1}{5}$ of £45	a f9	32, 24, 16, 8, 0, 🔲 ,	8
b $\frac{3}{5}$ of £45.	b £27	4 It takes Alicia 75 minutes to get to school. At what time must she leave	
$44 \div 9 = 1$ r	<u>4 r 8</u>	home to arrive at school at 8:30 a.m.	? 7:15 a.
2 Round 32.4 to the nearest whole number.	32	5 In which of these letters are there two pairs of parallel lines?	
3	Answer	F M N W X Z	
Write as a decimal a 36 tenths	2 3 6	6 a How many 500ml water bottles can be filled from 5l?	a 10
b 104 tenths.	a 3.6 b 10.4	b How many 50ml bottles can	
	25	be filled from 5l?	b 100
By how many is 44 greater than 19?	25	7 When a number is divided by 8	
What fraction of 1km is a 100m	a <u>1</u> 0km	the answer is 6 remainder 6. What is the number?	
b 700m?	<u>a 10 km</u> b <u>7</u> 10 km		
	D IO KIII	8 Find the missing numbers in this sequence.	
Find the cost of 20 balloons if five cost 77p.	£3.08	1.6, 1.4, 1.2,	1.0
From half past eight to twenty to		9 Name	
ten in the morning = \blacksquare h \blacksquare min.	<u>1h 10min</u>	a the acute-angled triangle	a Z
From the product of 12 and 9		b the right-angled triangle	b X
subtract 13.	95	c the obtuse-angled triangle.	<u>c Y</u>
Find five-sixths of £54.	£45		\sim \wedge
How many millilitres must be added to $4\frac{1}{4}$ to make 5l?	750 ml		z
Make each of the following 10 times larger.		10 Joe had £1.80 and Leah had half as much as Joe. How much had	
a 0.7	a 7	they altogether?	£2.70
b 2.3	b 23	11 Find the cost of 90g of salt	
Multiply 61p by 9.	£5.49	at 40p for 20g.	£1.80
What number is the Roman		12 What is the value of	
numeral L?	50	a the largest of these amounts	<u>a</u> €10
Write the missing signs +, -, × or ÷ in place of ● and ▲.		b the smallest of these amounts?	b €8
$14 \odot 7 = 35 \blacktriangle 5$	• - • • ÷	$\frac{2}{3}$ of $\in 12$ $\frac{3}{4}$ of $\in 12$	5/ <u>5</u> of €12

4	Answer	С	Answer
1 2.9 = tenths	29 tenths	1 Find the	
2 49 + 63 =	112	y kg difference in grams	
3 6090 ÷ 3 =	2030	between the masses shown	
$\frac{1}{2} = \frac{x}{16}$. Find x.	8	by pointers x and y.	800
$(8 \times 5) + (3 \times 7) =$	61	2 A thermometer shows –3°C.	
5 10m – 5.5m = m	4.5 m	The temperature then falls 2 degrees lower. What is the	
7 84 - 57 =	27	temperature now?	5°
$3 3\frac{3}{4}$ km + 300m = km m	4km 50m	3 A B Name two lines in the rhombus	
From 10:20 a.m. to 12:25 p.m. = h min	2h5min	D C which are perpendicular to each other.	ACB
0 Round 109.7 to the nearest whole number.	110	4 After using shampoo from a bottle holding 3l 300ml only 2 ³ / ₄ l remained.	
1 $(30 \div 5) + (18 \div 6) =$	9	How many ml had been used?	550 r
2 10 flowers cost £1.50. Find the cost of one flower.	<u>15</u> p	5 Find the total cost of four magazines at £2.25 each and three newspapers at £1.50 each.	£13.50
B Write 9km 700m to the nearest kilometre.	Answer 10km	6 E Find the change from £200 after paying these amounts.	£87
2 By how many centimetres is 2.4cm less than 6cm?	3.6cm	18.00	
What fraction of 42 is 7?	<u>1</u>	7 Find the total length of the two lines in millimetres.	122 m
What must be added to £3.66 to make £4.50?	84p	5.5cm	
By how many is 25 minus 6 less than 25 plus 6?	12	8 Rosa arrived home at 9:50 p.m. after	
<i>x y</i> 37.7		travelling for $2\frac{1}{4}$ hours. At what time did she start her journey?	7:35 p.r
How many times greater is the 7 marked <i>x</i> than the 7 marked <i>y</i> ?	10	9 10 boxes of cereal have a mass of 3kg Find the mass in grams of one box.	30(
Increase £2.46 by £1.26.	<u>f3.72</u>	10 The bus fare to the swimming pool	
Find the cost of 20cm of rope at £2.00 per metre.	40 p	is £1.80 and children travel for half price. Find the total bus fare for two adults and two children.	£5.40
Subtract $\frac{1}{2}$ of £24 from $\frac{3}{4}$ of £28.	<u>£9</u>	11 A square has a perimeter of	
0 What number is four less than zero?	4	1m 60cm. Find the length of one side in centimetres.	400
1 Which three coins are given in change from £3 after spending £2.84?	5p1p	12 Lucille spent two-thirds of her savings when she bought a phone for £50.	
	80	How much had she saved	

Α	Answer	С	Answer
1 19.4cm = mm	194 mm	1 Favourite colour How many	
2 (18 + 7) - (6 + 6) =	13	children	
3 (4 × 1000) + (8 × 100) + (9 × 1) =	4809	o chose green than blue as	
4 £4.00 − £3.24 = p	76 p	ہے۔ تاہم blue as کی جو جو جو than blue as their favourite colour?	2
5 Write 4l 500ml to the nearest l.	51	2 $y \times 10 = 320$. What is the value of <i>y</i> ?	3
5 $f1.32 \div 6 = p$	22 p	3 Harry's brother gave him 28p to	
7 Write $\frac{4}{5}$ as a decimal.	0.8	make his money up to £3.15. How much had Harry at first?	£2.87
8 $\frac{1}{3} = \frac{a}{12} = \frac{b}{18}$	$a \frac{4}{12} b \frac{6}{18}$	4 Write $\frac{1}{2}$ as a decimal fraction.	0
9 120g + $g = \frac{1}{2}kg$	<u>380g</u>	5 1m of carpet costs £3.20.	
0 9.3cm + 6.8cm =	16.1cm	Find the cost of $1\frac{1}{4}$ m.	<u>£4.00</u>
11 $28 + 25 + = 74$	21	6 A 2p coin is 1.8mm thick. Find the height in millimetres of a pile of	
12 Five paper bags cost £1.10.One bag costs p.	22 p	a ten 2ps	a 18m
		b one hundred 2ps.	b 180m
B 1 Multiply 4.3 by 10.	Answer43	7 Which of these numbers can be divided by 2, 3 and 5 without a remainder?	
2 18cm divided by 10 = cm	<u>1.8cm</u>	15 18 20 24 30	
Write the following times in the 24-hour clock format.		 8 Megan received three 10ps, a 5p and a 2p in change from £1. 	
a 8:00 a.m.	a 08:00	How much had she spent?	6
b 8:00 p.m.	b 20:00	9 The line AB is drawn to scale and	
4 10 + 2999 =	3009	represents a distance of 2.5m. What length is represented by 1cm?	0.5
5 From £4 take the total of £1.40 and £1.65.	95 p	A B	
6 Three batteries cost £2.25. Find the cost of one battery.	75 p	10 Find the difference between	
7 How many 50cm lengths can be cut from 18m?	36	$\frac{4}{5} \text{ of } \pm 30 \text{ and } \frac{5}{6} \text{ of } \pm 30.$ 11 The mass of three	<u>£1</u>
8 What is the cost of 3kg 100g if 1kg costs £1?	£3.10	0 3 kg 1 2 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5	
What is the difference in ml between 2l 700ml and 2580ml?	120ml	2 mass, write the mass in grams of one parcel.	90
9 of a sum of money is £2.70. Find the sum of money.	£3.00	12 A school trip can be paid for in a single payment of £27 or by 20	
1 What number is represented by XLIV	?44	weekly payments of £1.50. By how	
2 Share £6 equally among eight childre How much does each child receive?	en. 75 p	much is the total of the weekly payments greater than the amount of the single payment?	£3.00

Schofield & Sims

nearest whole number.08 $1\frac{1}{4}$ kg - 700g = g550g9f1.49 + f1.49 + f1.49 =9f4.471068 ÷ 7 = r9 r110.6 + 1.8 + 0.5 =2.9120.1m = cm1Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction.0.682Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm	- 11 - 1 - 14710 - 1 - 1 - 1			
3 $(19+8)-(6+7) =$ 143 $(19+8)-(6+7) =$ 144 $f1.09+68p = f$ $f1.77$ 4 $f1.09+68p = f$ $f1.77$ 5Find $\frac{3}{4}$ of 28kg.21kg6One envelope costs 19p. Five envelopes cost p .95p7Round 0.4 to the nearest whole number.95p7Round 0.4 to the nearest whole number.95p9 $f1.49+f1.49+f1.49=f4.47$ 410 $68 \div 7 = r$ $9r$ 10 $68 \div 7 = r$ $9r$ 11 $0.6+1.8+0.5=$ 2.9 12 $0.1m =$ cm $10cm$ 8Answer1Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2Multiply 6 by 47. 282 3How many centimetres are there in $1.8m?$ $180cm$	the number shown on the abacus.	12.31	fraction the part of the whole square which is a shaded	
4f1.09 + 68p = ff1.774f1.09 + 68p = ff1.775Find $\frac{3}{4}$ of 28kg.21kg6One envelope costs 19p. Five envelopes cost p .95p7Round 0.4 to the nearest whole number.08 $1\frac{1}{4}$ kg - 700g = g550g9f1.49 + f1.49 + f1.49 =f4.4710 $68 \div 7 = r$ $gr = 5$ 11 $0.6 + 1.8 + 0.5 =$ 2.912 $0.1m = cm$ $10cm$ 8 $\frac{1}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm				
SFind $\frac{3}{4}$ of 28kg.21kg6One envelope costs 19p. Five envelopes cost p.95p7Round 0.4 to the nearest whole number.97Round 0.4 to the nearest whole number.08 $1\frac{1}{4}$ kg - 700g = g550g9f1.49 + f1.49 + f1.49 =f4.4710 $68 \div 7 = 1 r$ 9 r10 $68 \div 7 = 1 r$ 9 r11 $0.6 + 1.8 + 0.5 =$ 2.912 $0.1m = 1 cm$ 10 cm11Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction.0.682Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm				70 p
6One envelope costs 19p. Five envelopes cost $\square p$.95p7Round 0.4 to the nearest whole number.08 $1\frac{1}{4}$ kg - 700g = $\square g$ 550g9f1.49 + f1.49 + f1.49 =f4.4710 $68 \div 7 = \square r$ $9r$ 511 $0.6 + 1.8 + 0.5 =$ 2.912 $0.1m = \square cm$ $10cm$ 8Answer1Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm			25cm lengths, how many lengths	10
7Round 0.4 to the nearest whole number.a0.4a40 hund8 $1\frac{1}{4}$ kg - 700g =g550gb0.9?b90 hund9f1.49 + f1.49 + f1.49 =f4.47ff <td>One envelope costs 19p.</td> <th>Ţ</th> <td>4 How many hundredths are</td> <td>18</td>	One envelope costs 19p.	Ţ	4 How many hundredths are	18
9 f1.49 + f1.49 + f1.49 = f4.47 10 $68 \div 7 = r$ $9r$ 5 11 $0.6 + 1.8 + 0.5 = 2.9$ 12 $0.1m = cm$ 10cm B Answer 1 Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2 Multiply 6 by 47. 282 3 How many centimetres are there in 1.8m? 180cm 180cm More and 143km in the afternoon. How much further did they travel to drive 250km? 5 6 Clock A shows the time that Jake left home and clock B shows the time he returned. How many hours and minutes was he away? 5h a.m. $b = \frac{11}{12} \frac{1}{12} \frac{1}{1$		0	a 0.4	
9 f1.49 + f1.49 = $f4.47$ 10 $68 \div 7 = r$ 9 r 5 11 $0.6 + 1.8 + 0.5 = 2.9$ 12 $0.1m = cm$ 10cm B Answer 1 Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2 Multiply 6 by 47. 282 3 How many centimetres are there in 1.8m? 180cm	$1\frac{1}{4}$ kg – 700g = g	550g		
10 $68 \neq 7 \equiv 1$ 11 $0.6 \pm 1.8 \pm 0.5 =$ 12 $0.1m = cm$ 12 $0.1m = cm$ 13 Write $\frac{6}{10} \pm \frac{8}{100}$ as a decimal fraction. 2 Multiply 6 by 47. 3 How many centimetres are there in 1.8m? 10 $68 \pm 7 = 1$ 10 cm 10 cm	f1.49 + f1.49 + f1.49 =	4.47	How much further did they travel to	221
II $0.6 \pm 1.8 \pm 0.5 =$ 2.912 $0.1m = cm$ 10cmBAnswer1Write $\frac{6}{10} \pm \frac{8}{100}$ as a decimal fraction.0.682Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm		<u>9r 5</u>		23 km
BAnswer1Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction.0.682Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm	0.6 + 1.8 + 0.5 =	2.9	home and clock B shows the time	
1 Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68 2 Multiply 6 by 47. 282 3 How many centimetres are there in 1.8m? 180cm	0.1m = cm	10cm		5 h 5 min
1Write $\frac{1}{10} + \frac{1}{100}$ as a decimal fraction.0.682Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cm		nswer	a 11 12 1 b 11 12 1	x
2Multiply 6 by 47.2823How many centimetres are there in 1.8m?180cmare there in 1.8m?180cm	Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction.	0.68		
are there in 1.8m? 180cm a.m. p.m.	Multiply 6 by 47.	282	8 4 8 4	
		<u>180cm</u>	7 6 5 7 6 5 a.m. p.m.	
4Change these clock times from the 24-hour format to the 12-hour format. Use a.m. or p.m.7How many parcels each with a mass of 100g will together have a mass of 3 ¹ / ₂ kg?			mass of 100g will together have	35
a 06:00 <u>a 6:00 a.m.</u> b 10:00 <u>b 7:00 a.m.</u> B By how many twelfths is $\frac{3}{4}$			8 By how many twelfths is $\frac{3}{4}$	1
b 19:00 b 7:00 p.m. greater than $\frac{2}{3}$?		6 ¹ / ₂ kg	- 5	12
 6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 7 Subtract 0.03 from a whole one. 8 Subtract 0.03 from a whole one. 9 Find the change from a f10 note after buying six scarves the answer as a decimal fraction. 8 Subtract 0.03 from a whole one. 9 Subtract 0.03 from a whole one. <li< td=""><td>Subtract 0.03 from a whole one. Write</td><th></th><td>note after buying six scarves</td><td>£2.50</td></li<>	Subtract 0.03 from a whole one. Write		note after buying six scarves	£2.50
7By how many millimetres is 10.0cm greater than 7.9cm?0.5710Yasmin's sister pays $\frac{4}{5}$ of the cost of a bicycle. Yasmin pays the Yasmin £14	By how many millimetres is 10.0cm		10 Yasmin's sister pays $\frac{4}{5}$ of the cost	Vasmin £14
8 Find the cost of 12 sweets if two sweets cost 5p. 30p	Find the cost of 12 sweets		remainder. The cost of the bicycle	
9 Find the difference between 30 multiplied by 10 and 30 divided by 10. 297 11 200g of pasta costs 80p. Find the cost of $1\frac{1}{2}$ kg. <u>£6.00</u>	Find the difference between 30			<u>£6.00</u>
10By how many grams is 5 times 250g less than 2kg?750g123 2 1The three marked points are three vertices of a square. Write the	By how many grams is 5 times 250g less than 2kg?		points are three vertices of a	
11 340.4 How many times larger is the 4 marked <i>y</i> ? 100 0 1 2 3 4 coordinates of the fourth vertex	340.4 How many times larger is the	100	0 coordinates of	
12 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 12 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 13 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 14 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 15 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 16 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 17 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 18 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 19 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 10 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 10 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 17 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 18 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 19 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? 10 How much greater is $\frac{7}{8}$ than $\frac{3}{8}$? 10 How much greater is $\frac{7}{8}$ than $\frac{3}{8$				(3, 0)

N	Answer	C Answer
10.0 + 0.2 + 0.05 =	10	25 1 What decimal fraction of £1 is
£1.60 ÷ 4 =	£0.40	a 10p a £0.1
0.47 = hundredths	47 hundre	b 1p? b <u>f0.01</u>
$(0 \times 9) + 8 =$		2 Which of these dotted lines is not a line of reflective symmetry?
(42 - 5) + (21 - 4) =		
250 + 350 + 400 =		
Round 5.5 to the nearest whole number.		 Max bought a toy car for £1.50 and a book for £1.99. How much change
Find $\frac{2}{3}$ of 27.		18 did he receive from a £5 note? £1.51
$2\frac{1}{4}$ min = s	1	
$f_{4}^{(1)} = f_{8.00}^{(2)}$	£1.91	35s 4 00 metres the perimeter
	<u>L1.91</u>	of the field. a 50
(81 ÷ 9) – (24 ÷ 3) = 10000 – 100 =	99	00 b How many times round the field
}	Answer	is equal to 3km? b 6
Write the total of 20, $\frac{3}{10}$ and a decimal.	9 100 as 20	 5 The train was due to depart at 3:45 p.m. It didn't leave until 16:20. How long was it delayed?
Write these times using the		6 The dial shows the
24-hour format. a 3:57 a.m.	a 03:57	mass of a parcel in
b 2:20 p.m.	b 14:20	kilograms and
Write as a decimal the numbe is 100 times smaller than 6.	er that	06 $grams$ less than $3\frac{1}{2}$ kg is the mass of the parcel? 8
Multiply the sum of 7 and 5 b	y 10.	20 7 After spending one-quarter of
From £2 take the total of 58p 42p and 36p.		his money, Thomas had 54p left. How much had he at first?
Decrease 10cm by 28mm. Give the answer in centimetre	es7.2	8 Find the total cost of two packets of popcorn costing 35p each and six lollies costing 10p each. <u>£1.30</u>
Write 3I 800ml to the nearest	$\frac{1}{2}$ l.	4l 9 There are 163 boys at a sports day
How many centimetres in		and there are 37 more girls than boys.
a 3.6m	a 360	
 b 2.25m? Find the cost of 750ml if ¹/₂l costs £0.74. 	b 225 £1.11	numbers so that the value of the 8 is 8 units.
Divide the product of 14 and 1		a 4386 a 438.6 21 b 2891 b 28.91
Arrange these digits to make	-	<u> </u>
largest possible odd number.		 (11) Katie has 17p and Emma has 25p. How much must Emma give Katie so that they each (01) have the same amount?
How many hundredths are the		
a $\frac{1}{2}$	a <u>50</u>	$\begin{array}{c} 12 \frac{3}{8} \text{ of a class of } 24 \text{ children} \\ do \text{ not own a pet.} \end{array}$
b $\frac{1}{4}$	b $\frac{25}{10}$	a What fraction of the class

А	Answer
 Write as a decimal fraction a 17 hundredths b 6 hundredths. 	a 0.17 b 0.06
2 (58 + 5) - (4 + 9) =	50
3 $1\frac{3}{4}$ min = s	105 s
4 80 + 6 + 8000 + = 8286	200
5 7) 5 3	7 r 4
6 0.4 × 100 =	40
7 Find ⁹ / ₁₀ of 80.	72
8 3050g = kg g	3kg 50g
9 £1.00 – twenty-eight 2ps =	p44p
10 12 × 12 =	144
11 $(7 \times 6) + (6 \times 3) =$	60
12 28p × 7 = f	£1.96
R	Answer

В		Answer
1	Write 4l 150ml to the nearest $\frac{1}{2}$ l.	4
2	The product of two numbers is 72. One of the numbers is 6. What is the other number?	12
3	Increase 23 by 18 and multiply the answer by 10.	410
4	Find the difference between 14 plus 9 and 14 minus 9.	18
5	How much less than £1 is the sum of 18p and 39p?	43 p
6	Divide the total of 19 and 17 by 4.	9
7	Write as a decimal fraction of a metre	
	a 20cm	a 0.2m
	b 35cm.	b 0.35m
8	Add the largest of these decimals to the smallest.	
	1.20 0.12 1.02 0.21	1.32
9	Write as a decimal the number which is 10 times smaller than 8.8.	0.88
10	Write each of these fractions as an equivalent one with the denominator 4. a $\frac{9}{12}$	$\frac{a}{b} \frac{\frac{3}{4}}{\frac{3}{4}}$
	$b \frac{6}{8}$	
-	Find the cost of $3\frac{1}{4}$ kg if 1kg costs 16p.	52 p
12	Write as decimals the next two numbers in this sequence.	
	1000, 100, 10, 1, 🔜 ,	0.1 0.01

Schofield & Sims

C		Answer
1	What decimal fraction of £1 is	
	a 2p	a £0.02
	b 20p	b f0.2
	c 50p?	<u>c f0.5</u>
2	Chloe is 1.35m tall and Joseph is 8cm smaller. What is Joseph's height in centimetres?	127cm
3	How many glasses each holding $\frac{1}{4}l$ can be filled from a jug holding $6\frac{1}{2}l$?	in26
4	A square has vertices at $(4, 1)$, (2, 1), (2, 3) and (x, y). What are the values of x and y?	(4, 3)
5	How many centimetres less than $\frac{3}{4}$ m is 0.62m?	<u>13cm</u>
6	A supermarket sold one hundred pastries at 12p each and twenty at 9p each. What was the total value of the pastries?	£13.80
7	Louise uses 50g of cocoa each day. How many days will it take her to use $\frac{3}{4}$ kg?	15
8	How many grams heavier is box Y than box X?	650 g
	X Y 2kg 150g 2.8kg	
9	Date of birthBy how many months isSanjay28/02/09Ben30/09/07Leo30/08/08bSanjay younger than Leo?	a 11mth b 6mth
10	Multiplying the Roman numeral V by gives which Roman numeral answer?	XL
11	Akta's T-shirt cost £12.70 and Frankie's cost £11.85. Find	
	a the difference in price	a 85p
	b the total cost of the T-shirts.	b £24.55
12	1cm on a plan represents 1m. What does 1mm on the plan represent	
	a in centimetres	a 10cm
	b in millimetres?	<u>b 100mm</u>

А	Answer	С	Answer
1 500g × 10 = kg	5kg	1 Find the total of 3.8m and 0.5m	
2 (36 - 7) - (32 - 8) =	5	a in centimetres	a 430cm
3 1000p = f	£10	b in millimetres.	b 4300mm
4 $f = +62p = f3.00$	£2.38	2 Favourite sport How many	
5 Find the missing $6 r 2$ number. 9)	56	4 votes are 4 bar chart	
6 Write 243 hundredths as a decimal.	2.43	2 altogether?	14
7 $(10 \times 5) - (4 \times 7) =$	22	0	
8 $\frac{1}{10}$ of 1min = s	6 s	ter	
9 $\frac{5}{8}$ of 64km =	40km	and the second sec	
10 10 hairbands cost 19p. 100 hairbands cost £	<u>£1.90</u>	3 Navi saved 50p each week for a whole year. How much did she	
11 Round 17.6 to the nearest whole number.	18	save altogether?	£26
12 9989 + 12 =	10001	4 Subtract XIV from C and give the answer using Roman numerals.	LXXXVI
В	Answer	5 Which of these decimals is equal to	
1 Continue this sequence,		a <u>55</u> 100	a 0.55
counting back in threes.		b $\frac{2}{100}$?	b 0.02
10, 7, 4, 1, 🔜 ,		5.5 0.2 0.55 0.02	
2 Make each of these numbers 10 times smaller.			
a 29 b 1.7	a 2.9 b 0.17	6 Name the three coins given in change from £4 after spending £3.77.	<u>20p 2p 1p</u>
3 Write quarter to five in the afternoon in the 24-hour format.	16:45	7 What remains from a 10m length of fabric after using 3.3m and 2.8m?	3.9 m
4 How much more than 50p is the sum of 8p, 18p and 28p?	4 p	8 Each side of this shape is 0.7cm	
5 Subtract 9 from the total of 53 and 4	7. <u>91</u>	long. Find the perimeter of the	
6 $\frac{3}{8}$ of a number is 9. What is the number?	24	shape in centimetres.	7 cm
7 Write the missing numbers.		9 After spending 49p and losing £1.36	
a $\frac{25}{100} = \frac{1}{100}$ b $\frac{15}{20} = \frac{1}{4}$	a 4 b 3	Maisy has 15p left. How much	~ ~ ~ ~
8 What is the change from £5 after		had she at first?	<u>£2.00</u>
spending £1.36 and £2.40?	<u>£1.24</u>	10 What time will be shown on	
9 If 10 markers cost £5.20, what will be the cost of		9 ²¹ the clock after 47min?	
a one	a 52p	8 4 Use a.m. 7 6 5 or p.m.	12:22 p.m.
b seven?10 What decimal is the arrow	b £3.64	morning	iz.cc p.ill.
10 What decimal is the arrow pointing to?	0.6		
<u> </u>	+	11 Find the difference between $\frac{1}{10}$ of 7000 and $\frac{1}{100}$ of 7000.	630
ō 🛉	1		
11 1l costs 60p. Find the cost of $5\frac{1}{4}$ l.	<u>£3.15</u>	12 A school trip will cost Ryan £10.80. He has made eight weekly payments	
12 If fudge costs 80p for 50g,	(12.00	of £1.20. How much has he yet	(1.20
what is the cost of $\frac{3}{4}$ kg?	£12.00	to pay?	<u>£1.20</u>

Schofield & Sims

	Answer		С
£2.26 + £1.87 =	<u>£4.13</u>		1 Which two clocks show times
.4m = m + 140cm		4 m	that are ten minutes apart?
(35 ÷ 7) × (30 ÷ 6) =		25	
$3l 300ml - \frac{1}{2}l = l ml$	21	800ml	
135min = h min	2 h	15 min	8 4
45p + 29p + p = f1		<mark>26</mark> p	
(8 + 56) - (15 + 9) =		40	morning
0.75m × 100 =		75 m	 How many 2ps have the same value a twelve 5ps
(40 ÷ 8) × 7 =		35	b three 50ps?
2kg 750g + 900g = 🔤 kg 🔤 g	3kg	650 g	3 Write all the numbers between 48
a $\frac{1}{4}$ km = \mathbf{m}	a	250 m	and 68 which can be divided by 7 without a remainder.
b $\frac{3}{4}$ km = m	b	750m	4 10 packets of rice have a mass of
Find $\frac{5}{6}$ of 30l.		25 l	$1\frac{1}{2}$ kg. Find the mass in grams of
0			a one packet b five packets.
	Answer		5 Which of these dotted lines is not a
Find the product of 7 and 18.		126	line of reflective symmetry?
Find the number which is			A B
100 times smaller than			
a 240	<u>a 2.4</u>		
b 37.	b 0.37		6 Kathryn's sister gave her £1.45 to add to her savings and her father
Write as centimetres			gave her £2.70. She then had £5.
a 3.25m	a	325cm	How much had she at first?
b 4.06m.	b	406cm	7 Scooters f18 Scooters are reduced by 10p per £1 off the
How many grams more than $\frac{1}{2}$ kg is the sum of 280g and 270g?		50 g	original price. What is
What must be added to		-	the new price?
39 to make 57?		18	8 There are 186 pages in a book. Lia read 64 pages and then 56 pages.
Decrease 43 by 16 and multiply		270	How many more pages has he to r
the answer by 10. From the sum of £1.17 and		270	9 Multiply the largest of these numb by the smallest.
from the sum of £1.17 and £1.33 subtract 60p.	£1.90		10.0 1.04 1.96 1.11 0.99
Find the remainder when			
113 is divided by 6.		5	10 In a school bus of 32 children $\frac{3}{8}$ o them are 10 years old, $\frac{1}{2}$ are 9 and
Write as a decimal fraction of a kilogram			the rest are 8 years old.
a 500g	а	0.5 kg	a What fraction of the children are 8?
b 100g.	b	0.3kg	b How many children are 8?
One pencil costs 9p.			11 A website had 70 visitors each
Find the cost of 200 pencils.	£18.00		hour for 12 hours. How many visitors in total?
What is the perimeter of a rectangle			12 3kg of glitter cost £18.00.
7m long and $6\frac{1}{2}$ m wide?		<u>27m</u>	Find the cost of
How many newspapers each costing			a 500g

А		Answer		С		Answer
1 29	90cm = m		2.9m	1	How many small	
2 (8	32 - 4) + (18 - 9) =		87		squares are there in $\frac{7}{10}$ of this	
3 (1	7 × 3) + 6 =		57		diagram?	
4 $\frac{28}{4}$	³ = whole ones		7			
5 0	ne balloon costs £0.07. 00 balloons cost £	£7.00		2	Which of these numbers will divide by 2, 5 and 10 without a remainder?	
6 34	46 + 78 =		424		765 884 670	
$7 \frac{1}{10}$	5 of 9km = 🗾 m		900 m	3	By putting in a decimal point make	
) f 1 0.1 0	£2.02			a the 5 in 2056 equal to five-tenths	a 20.56
	2.00 – twenty-five 5ps =		75 p		b the 7 in 1870 equal to seven-hundredths.	b 1.870
	× 12 =		108	4	A 1p coin has a mass of 3.56g.	
	Vrite £8.84				Find the mass of	_
	to the nearest 10p	a £ <mark>8.80</mark>			a 100 coins b 50 coins.	a 3 b 1
	to the nearest £.	b £9.00		5	$\frac{5}{8}$ of a sum of money is £1.10.	D
2 f'	10.00 ÷ 8 =	£1.25		5	What is the whole amount?	£1.76
		11120		6	How many glasses each holding	
B		Answer			150ml can be filled from a bottle holding 1 ¹ / ₂ l?	
1 \A	Vrite as litres and millilitres.			7	500^{m} This is a map of	
	3457ml	a <mark>3</mark> l	457 ml		a park. What is the perimeter	
	4070ml	b 4l	70 ml		of the park in	
	ind the difference between	<u>0 -1</u>	70111		kilometres?	2.
	$15 + 15 + 15$) and (4×15) .		15		700m	
3 52	2 plus 70 minus 32.		90	0	Which two of these amounts when	
4 D	ivide the total of 29 and 27 by 8.		7	0	added together equal £7?	
5 Si	ubtract 6 times 14p from £1.		16 p		£3.73 £3.54 £3.37 £3.36 £3	.63
	ow much greater is 7 multiplied y 9 than 7 plus 9?		47			<u>f3.37</u> <u>f3.6</u>
of	nd in centimetres the perimeter f a triangle having equal sides each			9	Sophia and Olivia shared 60p so that Olivia had 10p more than Sophia How much did Sophia have?	
	neasuring 48mm.		14.4cm	10	Write as a decimal	
	ow many hours and minutes from 1:40 to 18:10?	<mark>6</mark> h	30min		fraction the part of the circle which is	
	Vrite as a decimal fraction.				a shaded	a 0.6
	1	a 0.25			b unshaded.	b 0.4
b		b 0.75		11	The length of a washing line	
0 W	4 Vhich of these decimals the largest?				is 1.75m. Write the length of a line 4 times as long.	
	0.3 0.15 0.09 1.1 0.99		1.1	12	How much is saved when buying 10 large tins rather	
			1.1		than 20 small tins?	
	10 cost £2.70, what is the cost f one?		27 p		Pet food	
	ind the cost of 300g if $\frac{1}{2}$ kg				large tins (340g) 67p each	
	osts 30p.		18p		small tins (170g) 10 for £3.50	

PROGRESS TEST 2

	56 and £1.55 to the nearest 1	0р.	£2.6
2 3 A squ 2 (3, 0) 1 X and 0	uare has vertices at , (3, 3), (0, 0) and (<i>x, y</i>) : are the values of		(0, 3
[°] 1 2 3 4 3 Round 29.5 to the nearest w	hole number		3
	answer using Roman numera	als	
5 Make 306 one hundred time	-		3.0
6 Write as a decimal the total		-	20.9
7 Subtract $\frac{2}{9}$ of 27 from $\frac{3}{5}$ of 4			2
$\begin{array}{c} 8 \\ 4 \\ 7 \\ 6 \\ 7 \\ 6 \\ 7 \\ 6 \\ 7 \\ $	Clock A is 10	0 minutes fast. ninutes slow is clock B?	20mi
By how many metres is 648r	n less than $\frac{3}{4}$ km?	-	102r
0 Write the decimal fraction w	hich is half way between 0.4	and 0.38.	0.3
1 This reading is taken from a	dial in a car. 8999.4		
It shows the number of kilor	netres travelled. What will be	the reading after travelling a further 700m?	9000.1kr
2 If one poster costs £0.44 wh	at will be the cost of 100?	-	£44.0
3 Find the cost of $4\frac{3}{4}$ kg at 40p	per kilogram.	-	£1.9
4 By how many sixths is $\frac{1}{2}$ less	than $\frac{2}{3}$?	-	
5 Which three coins were give	n in change from £3 after spe	ending £1.28 and £1.56?	10p, 5p, 1
6 $3\frac{1}{2}l + 900ml + 600ml = 1$		-	
	40 (1835) (1922 x y z	Which of these 24-hour clock times is nearest to twenty to seven in the evening?	
8 How many grams more than	$\frac{1}{2}$ kg is the sum of 334g and	286g?	120
• Elicm of tang cost 28p. Eind	the cost of 1.25m.		70
Social of tape cost Zop. Find		perimeter of	

From: Mental Arithmetic 3 Answers. Copyright © Schofield & Sims Ltd, 2016. This page may be photocopied after purchase.

2cm

PROGRESS TEST 2 | Results Chart

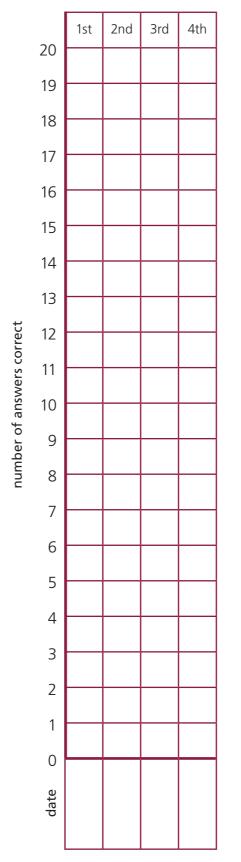
You will work through Progress Test 2 at **four** different times – once at the end of Section 2, then again after you have completed each of Section 3 Test 4, Test 8 and Test 12.

When you first complete the test:

a colour the first column to show the number of answers correct out of 20

b enter the date.

Each time you take the test, enter the result and the date in the marked columns.



From: Mental Arithmetic 3 Answers. Copyright © Schofield & Sims Ltd, 2016. This page may be photocopied after purchase.

28p

44°

48

a 12:15 p.m. b 2:00 a.m.

39km

550g

60p

XXXIII

100

Α			Answer	С			Answer
1	Th H T U	How many less than six thousand is the number shown		1	How much change after buying eight la		
		on the abacus?	90	2	right	e ABC is a angle. How many ees are there in	
2	4km 720m =	m	4720 m		B^{46° c the a	ngle marked y?	
3	35p × 10 = f		£3.50	3	Tom had 40 merit p		
4	$\frac{1}{2}l - 340ml =$	ml	160 ml		year he lost 16 but e many merit points h		
5	- 50p + 50p + 5	50p + 35p = f	£1.85	4	What fraction of thi	s strip is	
6	23 + 9 + 18 =		50		a shaded		a ⁵ / ₇
7	2h 25min =	min	145 min		b unshaded?		b $\frac{2}{7}$
8	£5.70 = 10	ps	57 10ps				
9	$1\frac{1}{2}$ kg – g =	650g	850 g	5	Write these times in	digits	
·	$\frac{3}{4} + \frac{3}{4} + \frac{2}{4} =$		2		using a.m. or p.m.	-	
11	32.4cm = m	ım	324 mm		a $2\frac{1}{4}$ hours after 10		a 12:15 p.r
12	$\frac{3}{4}$ of 8l =		<u> 6</u> l		b 7 hours after 7:0		<u>b 2:00 a.m</u>
	7			6	Find, to the nearest the total distance from		
В			Answer		18.7km 19	9km	
1	Write in digits two hundred a		4204		Bistow	Crock	
2	Subtract £0.49	9 from £1.00.	51 p	7	Grace saved £1.25 e		
3	Add 6, 8 and 1 divide the answ		8		for eight weeks. Ho she save?		<u>£10.00</u>
4	What is the co marshmallows	ost of eight at two for 17p?	68 p	8	How many grams le is the total mass of having a mass of 34	10 parcels each	
5	wrapping pape			9	Gift tags	Find the total cost of	
	metres are left		3m		large small 6p 4p	six large gift tags and six	
6	Divide £1.28 b	y 8.	16 p		each each	small gift tags.	
7	-	hour clock times.		10	Write the answer to	217 – 184	
	a 11:55 a.m.		a 11:55		using Roman nume	rals.	>
	b 1:40 p.m.	. 1 .	b 13:40	11	By counting the squ which of the shapes		
8	5	$30p \text{ from } \frac{1}{2} \text{ of } 30p.$	5 p		a the largest area	1103	a Z
9	How many mil	llilitres in 0.5l?	500 ml		b the smallest area.		b Y
10		e numbers can be 3, 6 and 9 without				Z	
	12 24 33	18	18				
11	What number	is seven less than zero?	7			4:	
12	Find the differ 0.3 and 0.03.	ence between	0.27	12	8080 How many is the 8 ma the 8 mark		

SECTION 3 | Test 2

1 2 3	8 + 7000 + = 7808				
2	8 + 7000 + 27800		800	1 Find the change from £5 after spending £1.33 and £2.57. £	1.10
3	f6.00 - f1.95 = f	£4.05		2 The temperature dropped from	1.10
	46 × 6 =		276	0°C by five degrees and then	
4	7)749		107	rose two degrees. What is the temperature now?	–3°C
5	85p + p = £1.15		<mark>30</mark> p	3 Add the masses and divide by 3.	<u>11kg</u>
6	5kg 60g = g		5060g		\sim
7	7cm – 1.5cm = mm		55 mm	14kg 10kg	9kg
8	f9.00 ÷ 100 = p		<mark>9</mark> p	4 Grapes cost £3.60 per kilogram.	
9	2.75m = m cm	2 m	75 cm		9.00
10	$\frac{4}{5}$ of 35kg =		28kg	5 By counting the small squares find the two shapes which are equal	
11	200min = h min	<mark>3</mark> h	20 min	in area. Name the two shapes.	
12	$\frac{1}{4}$ kg + 130g + g = $\frac{1}{2}$ kg		<u>120g</u>		ectangle riangle
В		Answer		6 Isaac had 150 stickers. He put	
1	Divide the sum of 53 and 65 by 2.		59	15 stickers on each of eight pages in his album. How many	20
2	The change from £2.00 was 43p. How much had been spent?	<u>£1.57</u>		stickers had he left? 7 XI	30
3	Find the product of 8 and 8.		64	15 minutes fast. Write the correct	
4	10 paintbrushes cost £1.20. Find the cost of one paintbrush.		12 p	VIII IV using a.m. or p.m.	9:53 a.m.
5	Write the next two numbers of this sequence.			morning	
	0.2, 0.4, 0.6, 0.8,	1.0	1.2	8 A pack of four pairs of socks can be bought for £5.12.	
6	From 360° subtract the sum of two right angles.		180°	Find the cost of one pair. <u>f</u> 9 At a football match there were	1.28
7	How many kilometres and metres are equal to 1560m?	1km	560m	12 498 spectators. Write the number of spectators	
8	Write $9\frac{3}{8}$ to the nearest			a to the nearest ten a	12 500
U	whole number.		9	b to the nearest hundred.	12 500
9	Write these times using the 12-hour clock format. Use a.m. or p.m.			10 ⁴ 3 A square has vertices at (3, 0), (4, 2), (2, 3)	
	a 15:45	a 3:45 p.ı	m	and (<i>x</i> , <i>y</i>). What	
	b 00:15	b 12:15 a	.m	$\begin{array}{c c} 1 \\ 0 \end{array} \qquad \text{are the values} \\ \text{of } x \text{ and } y? \qquad (\end{array}$	1, 1)
10	How many whole ones are equal to 36 quarters?		9		.my 50 p
11	How many tens have the			Katy so that Amy has 20p	aty 30p
	same value as 5010?		501	12 There were 2.5l of milk for four	. —
12	The sum of two numbers is 17. The difference between them is 1. What are the two numbers?	8	9	children. 100ml were spilt and the remainder was divided equally. What was one share?	<mark>600</mark> ml

33

Α	Answer	C Answer
1 9999 + 9 =	10008	1 Th H T U How many must be
2 25 + 26 = 11 +	40	added to the number shown on the
3 368cm = m	3.68m	abacus to make four thousand? 450
4 f1.17 × 7 =	£8.19	2 Each square
5 p × 10 = £1.40	14 p	represents one square centimetre. Count
$6 \frac{4}{8} + \frac{1}{8} + \frac{3}{8} =$	<u>8</u> or 1	the squares to find the area of the
7 6) f 4.0 2	£0.67	shaded shape. <u>19cm²</u>
8 5.7l = ml	5700 ml	3Write the answer to 174 – 95 using Roman numerals.LXXIX
9 4 weeks = days	28	4 Holly wrote an answer of £0.60 instead of £0.06. By how many
10 3.21 × 100 =	321	pence was her answer wrong? <u>54p</u>
11 × 7 = 37 – 9	4	perimeter of
12 1.7cm + 4.5cm = mm	62mm	the rectangle in millimetres. 180mm
B 1 f1.84 × 10.	Answer	 In a school dining room there were 25 tables each with six places. 11 of the places were not used. How many stayed for lunch?
Write the answer to the nearest £.	<u>f18</u>	7 The diagram shows
2 Take two hundred from 22 222.	22022	home the time that Charlotte spends at
3 Write 600m as a decimal fraction of 1km.	0.6km	school What fraction of her time does she spend
4 How many times larger is £2.50 than 25p?	10	a at home $\frac{7}{12}$ b at school? $\frac{5}{12}$
5 Divide 912 by 4.	228	 A charity collected thirty 20ps and twice as many 10ps. How much did they collect altogether?
6 Write as a decimal fraction the difference between 0.1 and a half.	0.4	9 Write the mass shown by the pointer
7 How many days altogether in April and May?	61	a in kilograms and grams <u>a 2kg 800g</u>
8 Write the next two numbers in this sequence.		b in kilograms as a decimal. b 2.8kg 10 57 children attend swimming lessons.
8.0, 8.5, 9.0, 9.5,	10.0 10.5	There is a small class of nine children and two classes of equal numbers.
9 By how many centimetres is $\frac{1}{10}$ m longer than $\frac{1}{100}$ m?	<u>9cm</u>	How many children are there in each of the larger classes?
10 200ml cost 15p. Find the cost of 1l.	75 p	11 How many millilitres more does a bottle containing 2.5L hold than
11 Find the difference in grams between 1.7kg and 2.5kg.	<u>800g</u>	the total contents of two bottles each holding 850ml? 800ml
 Write the missing signs +, -, × or ÷ in place of ● and ▲. 		12 How much is saved on each sweet by buying 10 at a time?
$6 \bullet 3 = 9 \blacktriangle 9$	• × • • •	Sweets12p each or 10 for £1.101p

4	Answer	С	Answe
270ml + 300ml =	570 ml	1 After losing 25 hairbands, Lucy had	
10000 - 100 =	9900	nine blue and eight red ones left. How many had she at first?	
4.93m = cm	493 cm	2 $\frac{5}{9}$ of this rectangle is shaded.	
$\frac{7}{10}$ of £1 = p	70 p	What fraction is unshaded?	
3.93 + 0.07 =	4		
$6.06 = \frac{100}{100}$	<u> </u>	3 To pay for two drinks costing 75p and 85p, Max used two £1 coins	
0.7kg + 0.4kg = kg g	1kg 100g	and a 10p. What coin did he	
$\frac{1}{2} = 9\frac{1}{2}$	<u> </u>	receive in change?	~
$4^2 = 4 \times 4 =$	16	Write, in centimetres, the length of	Y Z
£1.30 ÷ = 10p	13	each line Y and Z.	60
From 11:25 a.m. to 12:45 p.m. = min	80 min	Y	- I (
1kg 700g × 5 = kg	8.5kg	5 Javed had £4.00 spending money.	
	Answer	He spent 80p each day. For how	
	Allswei	many days did his money last?	
Write as a decimal.	a 3.1	6 How many grams must be added	
a $3\frac{1}{10}$ b $4\frac{8}{10}$	b 4.8	kg 1 to the scales to make 4kg?	
How many 5ps must be added			
to five 50ps to make £2.80?	<u>6</u> 5ps	Kuluur Kar	
Write 268mm to the nearest centimetre.	27 cm	7 Jamie's holiday is from 18 January	
Which two of these fractions		until 13 February inclusive of both dates. How many days is that?	
are of equal value?	2 4	8 Find the total	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\frac{\frac{2}{3}}{\frac{4}{6}}$	number of dots and	
1 $\frac{1}{4}$ l of a 2l bottle of lemonade was spilt. How many millilitres were left?	750 ml	divide by 4.	
Add LIX and XXXIV and write the			
answer using Roman numerals.	XCIII	9 The temperature rises by eight	
How many years from 2005 to the year 2020?	15	degrees from -6°C. What is the new temperature?	
Rian has completed 4.4km of		10 Each square	
a 5km journey. How many metres has she still to travel?	600 m	represents 1 square centimetre. Count	
Multiply 1.8 by 5.	9	the squares to find	
	5	the area of the shaded shape.	
How many times shorter is 15cm than 1.5m?	10	11 How much change from £5 after	
Two eggs cost 15p. Find the cost of half a dozen.	15.0	buying eight chocolate bars at 55p each?	
A square has sides each 9cm long.	45 p	12 How far is it round a rectangular	
What is the area of the square?		playground which is 75m long and 60m wide?	
Give the unit of measurement.	81cm ²		

Α		Answer
1	2.9 = tenths	29 tenths
2	£4.07 = p	407 p
3	3h 50min = min	230min
4	$24p \times 5 = f$	£1.20
5	7 × = 43 – 8	5
6	76p + five 5ps = £	£1.01
7	$(1000 \times 10) + (100 \times 5) + (10 \times 7) =$	10 570
8	5.08m = cm	508 cm
9	Find $\frac{1}{2}$ of $3\frac{1}{2}$.	1 ³
10	0.6kg – 📕 g = 340g	260 g
11	$3\frac{3}{4}l = 1$ ml	3l 750ml
12	11p × 100 = £	£11.00
В		Answer
		Allower
1	Find the missing number in this sequence. 1, 10, 100, . , 10000	1000
2	Find the product of 10 and 45.	450
3	How many times greater than 0.1 is 10?	100
4	What distance in kilometres and metres is twice as long as 4.8km?	9km 600m
5	Divide 52p exactly by 4.	13 p
6	Find the difference in pence between 15 10ps and 40 5ps.	50 p
7	A taxi fare for a journey of 7km	
	cost 91p. How much was the charge per kilometre?	13p
8	Write to the nearest $\frac{1}{2}$ kg.	
	a 1kg 620g	a $1\frac{1}{2}$ kg
	b 2kg 390g	b $2\frac{1}{2}$ kg
9	Find the area of a rectangle 7cm long and 3cm wide. Give the unit of measurement.	21cm ²
10	By how many pence is $\frac{1}{5}$ of £3 greater than $\frac{1}{6}$ of £3?	10 p
11	58cm divided by 10 = mm	58mm
12	Write as a decimal fraction of a kilogram the sum of $\frac{1}{2}$ kg and 450g	0.7kg

kilogram the sum of $\frac{1}{4}$ kg and 450g.

С Answer What decimal fraction 1 U must be added to the number shown on the abacus to equal 50? 0.5 2 What fraction of 28kg is a 🛓 a 7kg $b^{\frac{1}{7}}$ **b** 4kg? 3 By how many months 18/06/13 is 18 February 2014 later than the given date? 8mth 4 Write a quarter of a metre a in centimetres а **25**cm **b** as a decimal fraction of a metre. b 0.25m ____ Line X is 0.9cm long. Write, 5 in mm, the length of a line that is twice as long. 18mm 6 Which of these fractions is <u>5</u> 8 <u>5</u> 9 <u>5</u> 10 <u>5</u> 6 57 a 6 a the largest $b \frac{5}{10}$ **b** the smallest? 7 The temperature rises by 7 degrees from -9° C. What is the new temperature? -2°C The perimeter of 8 this regular hexagon is 7.2cm. Find the length of one side a in centimetres а 1.2cm **b** in millimetres. 12mm b 9 Find the value in pence of x and y. **27**p y **45**p Х 150g 250g 300g 100g 200g mass Price chart cost 18p 36p 54p Χ V 10 4 A square has vertices at 3 (0, 2), (1, 3), (2, 2) 2 and (x, y). What are the values 1 of x and y? 1, 1) (0 2 3 4 (11) Add XVIII and XLII and write the answer using Roman numerals. LX 12 Alex takes four 5ml spoonfuls

36

0.7kg

of medicine each day. For how

10 days

many days will 0.2l last?

1 $+ 6 + 9000 + 400 = 9456$ 502 $\frac{4}{5} =$ hundredths3 $f4.05 - 50p = f$ $f3.55$ 4 $24 + 24 + 24 + 24 + 24 + 24 + 24 =$ 168511600ml $\div 8 =$ ml200ml	er14p
2 $\frac{4}{5}$ = $\frac{1}{100}$ 3 $\frac{30}{100}$ 2Write as a decimal fraction the difference between $\frac{9}{10}$ and $\frac{99}{100}$.3 $\frac{24}{24} + \frac{24}{24} + \frac{24}{24} + \frac{24}{24} + \frac{24}{24} = \frac{168}{24}$ 3How many millilitres remain from 2 water after filling the three bottles	14p
3 $f4.05 - 50p = f$ $f3.55$ difference between $\frac{9}{10}$ and $\frac{99}{100}$.4 $24 + 24 + 24 + 24 + 24 + 24 + 24 = 168$ 3How many millilitres remain from 2 water after filling the three bottles	
water after filling the three bottles	0.09
	<u></u>
6 f3.60 ÷ 10 = p 36p / / / /	
7 9.6cm - 15mm = mm 81mm 650 650 650	
8 £3.10 = three 50ps + 20ps 8 20ps ml ml ml	
9 3 ² = 3 x 3 = 9	
108km - 1700m = km6.3km415 November was on a Wednesda On which day of the week was	у.
11 $\frac{3}{4}$ kg - 260g = g 490g 29 November?	Wednesday
12 $\frac{5}{7}$ of f63 = <u>£45</u> 5 Each square represents	
B Answer centimetre.	
1 How many times greater is C2	
than 8p? 100 area of the rectangle.	a 24cm ²
2 Put these decimals in ascending order. b Find its perimeter in centimetres	5. <u>b 20cm</u>
0.677.067.606.076.706Write the number nearest to 99 that can be divided exactly by 8	3 96
0.67 6.07 6.70 7.06 7.60 7 Cereal bars are 63p for a packet	
3 Reduce 125 by 99. 26 of six. Find the cost of two bars.	<u>21p</u>
4How many hundreds are there in 10 000?8Gabriela Emily9These children scored a total	
5 Multiply 55p by 10. <u>£5.50</u> Sam What was	
6 How many hours in 3 days? 72	10
7 Write in £s the total of seven 9 The length of Harry's pace is 50cm How many paces does he take 9	1.
Sps, four 10ps and nine 2ps. ± 0.93 when walking 1km?	2000
8 500g cost 28p. Find the cost of $1\frac{1}{2}$ kg. 84p with all equal sides.	equilateral
9 Multiply 9.5cm by 100.9.5mWrite the answer in metres.9.5m11 Which two of the boxes together	
10 Write the sum of $4\frac{7}{10}$ and have a mass of 1.5kg?	W Z
$3\frac{9}{10}$ as a decimal. 8.6	
11 $\frac{3}{4}$ of a number is 9. What is the number?	0.9kg 650g
12 A 4m length of material is cut into	Y Z
five equal pieces. Find the length in centimetres of one piece. 80cm 12 Find the value of x . 6 x	<u>119</u>

A		Answer		C				Ans	wer
1 1.6	$\ddot{b} = \mathbf{a}$ tenths	<u>a 1</u>	6 tenths	1		, ,	Write the par	t of	
	b hundredths	b 160 հւ	indredths				the square w is shaded	hich	
2 $\frac{11}{16}$	+ = 1		<u>5</u> 16				a as a decim		25
3 23	+ 25 = 📉 × 6		8				fraction b as a fractio	a 0. on	.25
4 0.7	/8m =cm		<mark>78</mark> cm				in its lowes terms.	st b ¹ / ₄	
5 57	÷ 3 =		<u>19</u>	2	Which num	nber oth	er than 1 will		
6 £1.	00 – (23p + 38p) = p		39 p				f these numb		
7 (6 :	× 6) – (3 × 9) =		9		28 42	35 14	ł		
8 £3.	$.50 \times 8 = f$	£28.00	(3	\mathbf{X}	/	Find the		
9 5.6	5cm – 38mm = 📕 mm		<u>18mm</u>		50° 90°	Ŷ	measureme in degrees		
10 5 ² :	= 5 × 5 =		25				angle mark		4
11 10	ice lollies cost £2.50.				A litre of ju Find the ma		a mass of 1kg ams of].	
On	e will cost o p.		25 p		a 0.5l	uss in gr		а	50
12 1kg	g 600g + 3kg 800g = 🔤 kg		5.4kg		b $\frac{1}{4}$ l.			b	25
							a corridor 2		
В		Answer			of measure		g? Give the u		50
1 Wr	ite 864cm to the nearest metre.		<u>9m</u>	6	Time	table	Which bus		
2 Inc	rease £4.55 by 90p.	£5.45			leave	arrive	X, Y or Z a arrives at		
	ite, in centimetres, the value at is half of				Borden X 17:30		Notley at		
	68mm	а	3.4 cm		Y 18:30		7:03 p.m. b leaves	. <u>a Y</u>	
	3.6cm.	b	1.8cm		z 19:30		Borden at 7:30 p	.m.? b Z	
	ite each fraction as an equivalent e with the denominator 4.				25cm of rik Find the co		st 14p.		5
a 🚽	$\frac{15}{20}$ b $\frac{12}{16}$	<u>a</u> <u>3</u> b	<u>3</u> 4	8	Alfie bougł	' nt four y	oghurts each)	
	ite as a decimal the total of 3 tens, enths and 8 hundredths.		30.78		he gave in	exact pa	,	50	p <u>20</u> p
	d the missing numbers this sequence.				filled from	2 <u>1</u> l of m			
90,	, 81, 🔜 , 54, 45	72	63				e number of to walk to sc		
	= $36 \div y$. d the value of y.		4				total number it by the nur		
	d the difference between				of days.		It by the hui		<mark>8</mark> m
	.50 and one-quarter of £1.		25 p		Monday	Tuesda	y Wednesday	Thursday	Friday
9 Wh	hat fraction of 10 is $1\frac{1}{4}$?		<u>1</u> 8		7	11	10	6	6
	ride £8.40 by 10 and add 16p the answer.	£1.00					less than 2? s the lengths	of the	
	ikg × 6. Write the answer to e nearest kilogram.		22kg			Luca's t	o Hassan's h		
12 Fin	d one-quarter of 10m				a kilometro	es		<u>a</u>	5.7k
a i	n metres	a	2.5 m		b metres.	I.6km	-	b	5700
b i	in centimetres.	b	250 cm		Luca	LUNII	2.6km	1.5km	Hassan

Α	Answer	C Answer
1 39 + 67 =	106	1 How many grams less than 5kg is the
2 0.1 + 10 + 0.06 =	10.16	total of 2.7kg and 1.5kg? 800g
3 2h – 28min = min	92 min	2 What 24-hour time is 15 minutes after 12:55? 13:10
4 500 - (40 × 9) =	140	
5 9cm ÷ 10 = mm	9mm	3How many 7p sweets can be bought for £2.10?30
6 $6^2 = 6 \times 6 =$	36	4 A The perimeter of this triangle
7 $(9 \times 6) + (3 \times 8) =$	78	is 75mm. Find the length
8 ml × 10 = 4l	400ml	of the side AB. 34mm
9 1.4kg – 850g = 🔤 g	550 g	C 24mm B
10 $f1 - (8p \times 6) = p$	52p	5 Which three coins are given in change
11 $\frac{7}{8}$ of £56 =	<u>£49</u>	from £5 after spending £4.76? <u>20p 2p 2p</u>
12 6m ÷ 4 = cm	150cm	6 Write the amount of liquid in this jug as
В	Answer	a a decimal e fraction of 1l <u>a 0.7</u> l
1 Write to the nearest whole number.		b a fraction of 11 in
a 8.5	<u>a 9</u>	its lowest terms $\frac{7}{10l}$
b $11\frac{5}{12}$	b 11	7 The cost of $2\frac{1}{2}$ kg of rice is £5.50.
2 Write 39p as a decimal fraction of £1.	£0.39	Find the cost of 500g. $\underline{f1.10}$
3 How many times can 0.2 be taken from 1?	5	8 1 5 4 Find the missing number. 87
4 How many days in		6 7
a a year	a 365	9 Find the difference between CI and
b a leap year?	b 366	XLVIII and write the answer using Roman numerals.
5 What sum of money is equal to five times 88p?	£4.40	10 Name this triangle by
6 Which of these fractions is equal to $\frac{3}{4}$?	a its angles a acute
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<u>15</u> 20	b its sides. b equilateral
7 Find the difference in grams between $\frac{1}{2}$ kg and 0.3kg.	200 g	11 9996.8 The readings show
8 Multiply 8.33m by 100.	833m	10000.0the number ofkilometres travelled
9 By how many centimetres is2.46m greater than 1.95m?	51 cm	by a car before and after a journey. Find in kilometres the length of the journey. 3.2km
10 Add 8, 13, 10 and 9 and divide by 4.	10	
11 By how many is the sum of 15 and 10		12 The chart shows the length and breadth of four rectangles.
less than the product of 15 and 10?	125	Which two of the rectangleshave the same area?X
12 Rearrange these digits to make the largest possible even number.		WXYZlength7cm4cm5cm8cm
4 0 8 7	8740	breadth $1\frac{1}{2}$ cm 3 cm 2 cm $1\frac{1}{2}$ cm

Α	Answer		С				Answ	er
1 $\frac{1}{2}m = a$ cm	а	50cm		d the differen				
b mm	b	500mm		largest and t hese masses.		t		
2 21 thirds = whole ones		7		00g 0.4kg		kg		0.00
3 50p – p = 21p		<mark>29</mark> p					62.05	800
4 £8÷10= p		<mark>80</mark> p	2 Find	d the total va	iue of thes	e coins.	<u>£2.05</u>	
5 Find 0.1 of 10cm.		1cm	20	p (10p 10)p 50	p 50p 50	0p) (5p 5p 5r
5 408 ÷ 📕 = 6		68				NE FIFTY SENCE FIFTY	PENCE	
7 99.25 = 0.75		100	3		This clo	ck is 7		
8 7 ² =		49			minutes How m			
9 $(8p \times 8) + (4p \times 9) =$	£1.00		E E] minutes	s is it		
0 £0.78 + £0.46 =	£1.24		X			e correct midnight?		31 m
1 2.7km – 1900m = 🛛 m		800m		evening		5		
2 0.4m − 0.04m = cm	Answer	<u>36</u> cm	4 x-		Y lines perp	endicular		
	Answer			KL M		e line XY?		К,
How many pence have the same value as				of carpet cos d the cost of	STS £3.00.			
a £0.1	а	10 p	a 1	m			а	6
b £0.9?	b	<mark>90</mark> p	b 2	20cm.			b	1
2 Find in millilitres $\frac{1}{2}$ of 15l.		7500 ml		ough how m		ngles		
Two angles together make a				es the hour ha ck turn in 24				
right angle. One angle is 55°. How large is the other angle?		35°	7		Each squa	re represen	ts	
Divide the sum of the digits from								
1 to 6 inclusive by 3.		7		Count the squ he area of the			а	12 c
Write the time 35 minutes before 18:10 using the 24-hour clock forma	+	17:35	b F	ind its perim	eter in cen	timetres.	b	16
Subtract $1\frac{3}{8}$ from 6.		4 ⁵ / ₈	8 Wh	at number is	9 less thar	ר 4?		
Find the difference in grams betwee				Om piece of				
$\frac{1}{2}$ kg and $\frac{3}{10}$ kg.		200 g) equal pieces entimetres of				20
How many balloons costing 6p each can be bought for 84p?		14	12p	sale, shoes v per £1. How	v much wa	s paid		
$\frac{1}{4}$ l costs 8p. Find the cost of $2\frac{1}{2}$ l.		<mark>80</mark> p		the shoes, w ore the sale?	hich cost f	10	£8.80)
O Change each of these fractions to hundredths.			11 In a	library there oks and 132 f				
a $\frac{1}{20}$	а	<u>5</u> 100	Hov	w many short				
b $\frac{7}{20}$	b	<u>35</u> 100		s the total?	- f +l, '			
1 Write the missing numbers				te the letter o rhombus	ot the shap	be that is	аX	
in this sequence. 2, 4, 8, 📕, 📕, 64	16	32		a parallelogra	m		a X b Z	
-	10	32					<u></u>	,
2 $\frac{5}{6}$ of a sum of money is £35. Find the whole amount.	£ 42		v	′ <u> </u>		Y		Z

SECTION 3 | Test 10

A	Answer
1 £15.00 ÷ 100 = p	15 p
2 1.8kg − 900g = g	900 g
3 47 × 7 =	329
4 8 ² =	64
5 $\frac{3}{10}$ of 1 hour = min	18 min
6 180ml × 100 =	18l
7 6:30 p.m. to midnight = h	5 ¹ 2h
8 Five 5ps + 10ps = £3.65	34 10ps
9 0.35 × 6 =	2.10
10 0.3 + 0.07 + 3.5 =	3.87
11 3.05m – 0.5m = cm	255cm
12 £4 – p = £3.11	89 p
В	Answer
1 Complete this sequence. 950, 975,	1000 1025
2 Multiply 2.5 by 6.	15.0
3 How many times can $\frac{1}{12}$ be taken from a whole one?	12
4 Multiply XII by VIII and give the answer using Roman numerals.	XCVI
5 How many centimetres in $\frac{1}{10}$ of 6.2m?	62cm
6 Divide 2 by 5. Write the answer as a decimal fraction.	0.4
7 Find the total distance in kilometres of 350m, 900m and $\frac{3}{4}$ km.	2km
8 What fraction of £3 is 30p?	<u>1</u>
9 Reduce £6 by £1.73.	£4.27
10 Find the cost of 2l, if 200ml cost 8p.	80 p
11 Write the fraction that lies midway between $\frac{3}{8}$ and $\frac{5}{8}$ in its lowest terms.	<u>1</u> _2
12 The temperature dropped from 4°C to –6°C. By how many degrees did it fall?	10°C

did it fall?

С		Answer
	w many 75ml bottles can k d from 7 <mark>1</mark> 1?	De 100
2 Find	d the length of a line 10 tir gth of the line ST	
	n centimetres	a 55cm
b i	n metres. 55mm	<u>b 0.55m</u>
S		T
	te the next fraction in this $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$,	sequence. <u>5</u> 8
4 Mo Tue	on 7 14 21 28 par	e this t of a endar ind
	he date of the 3rd Monda n March	a 21st
	he day of the week upon vhich 1 April falls.	b Friday
	uits cost 9p for two. I the cost of 18.	81p
6	Name this tria	
		by its sides. b scalene
	the perimeter of a rectar long and $3\frac{1}{2}$ m wide.	igle 19 m
8 The	mass of box Y is half the	mass
	box X. Find in kilograms ar total mass of the two box	
x	1kg 300g	Y
Jacl	oe and Jack shared £5 so [.] < had 50p less than Chloe. w much did Jack have?	
	line MN is drawn to a sca	<u>£2.25</u> le of
cen	n to 1m. Write in metres an timetres the length repres the line MN. 1 2 3 4	
M	<u></u>	
wee rem mo	the money Hanna receives ek she spends $\frac{3}{5}$ and saves hainder, which is 20p. How ney altogether does she re h week?	; the / much
· · ·	ack of 20 pins costs 40p. d the cost of	
	one pin 0 packs of pins.	a 2p b £4.00

10°C

A		Answer	С	Answer	
1	9000 + + 7 + 70 = 9777	700	1 Add 8.3 to 5.19 and write the answer		
2	3.01 × 100 =	301	to the nearest whole number.		
3	4.05 ÷ 9 =	0.45	2 Bottle X holds twice as much as bottle Y.		
4	(7 × 7) = 100 -	51	Write the amount bottle X holds in		
5	(0.1 of £1) + (0.01 of £1) = p	11 p	litres and millilitres.	3l	40
6	9 ² =	81	1.71		
7	$1\frac{1}{3} + \frac{5}{6} =$	$2\frac{1}{6}$	X Y		
, Q	36p + 45p + 19p = f	£1.00	3 Which two of these fractions when added together equal		
0	_			a 0.25	(
	$\frac{7}{8}$ of 72 =	63	b one-tenth?	b 0.01	C
10	1.1km – 640m = 🔤 m	460m	0.49 0.01 0.25 0.09 0.75		
11	50min + 28min + min = 2h	42min	4 Find the difference between		
12	£19 ÷ 5 =	£3.80	a half of 18 and one-sixth of 30.		
B		Answer	5 100 bags of popcorn each having a mass of 55g are packed in a box.		
			The box has a mass of 500g. Find the total mass of the full box.		
1	Subtract 0.01 from 0.1.	0.09			
2	How many thousands equal fifty hundreds?	5 thousands	6 What temperature is 12 degrees colder than 5°C?		
3	Find how many		7 The mass of a bag of potatoes is		
	a centimetres	a 70cm	4×10^{10} km 3 shown on the dial.		
	b millimetres there are in 0.7m.	b 700mm	Find their cost at 30p per		
4	$\frac{1}{2}$ kg costs 20p. Find the cost of		kilogram.	£1.05	
	a 100g	a 4p	8 Will scored 51 goals across three		
	b 800g.	b 32p	football matches. He scored 19 and		
5	By how much is 99p less than twenty-four 5ps?	21 p	16 goals in his first two matches. How many goals did he score in his third match?		
6	Multiply ± 5.09 by 7 and write the answer to the nearest \pm .	£36.00	9 Monday 150km A taxi driver travelled		
7	Write as a decimal fraction.		Wednesday 100km these		
	a $\frac{1}{5}$	<u>a 0.2</u>	Thursday 100km distances		
	b $\frac{1}{50}$	b 0.02	Friday TOOKIN		
8	Find the difference between $(4.0 + 6.0)$ and $(0.4 + 0.6)$.	9	What was the total distance travelled? 10 ⁴ A square has		600
9	Change 1050p to £s.	£10.50	3 vertices at (3, 0), (4, 3), (1, 4)		
10	Add 6^2 and 4^2 .	52	2 and (x, y) . What		
11	Name		are the values of x and y?	(0 ,	
	a the sixth month	a June			
	b the ninth month of the year.	b September	11 Find the total number of days in the last six months of the year.		
17	How many pence are twenty-four		12 $\frac{28}{7} = \frac{36}{x}$ Find the value of x.		

Α Answer 1 £1.45 + 86p = £ £2.31 <u>5</u> 8 2 $\frac{7}{8} + = 1\frac{1}{2}$ **3** 40.5 ÷ 10 = 4.05 4 £ 1.9 3 Find the value of x. £3.86 2) f x **5** cm × 10 = 1.40m **14**cm £2.28 6 f3 - f = f0.727 117min = h min **1**h 57min 8 0.4kg – g = 130g 270g **9** 45 ÷ 9 = 40 ÷ 8 10 350ml × 8 = 1 2.8l 11 999 × 3 = 2997 12 15km – 10.5km = m **4500**m

В	Answer
1 Write as a decimal: 403 hundred	Iths 4.03
2 What fraction of 1 hour is 12 min	nutes?5
3 How many 20ps are equal in value to £0.8?	4
Find the difference between $(\frac{4}{7} + \frac{3}{7})$ and 7.	6
5 Divide the sum of £3.50 and 75p by 5.	85 p
6 Write 10l 250ml to	
a the nearest litre	a 101
b the nearest $\frac{1}{2}$ litre.	<u>b 10¹/₂</u>
7 Write each of these as an equiva fraction with the denominator 5	
a 15/25	a ³ / ₅
b <u>60</u> 100	b $\frac{3}{5}$
8 What must be added to three 10ps and six 5ps to make 90p?	30 p
9 Subtract the shortest measurement from the longest.	ent
0.24m ¹ / ₄ m 1.0m 120cm	96 cm
10 What number is the Roman numeral C?	100
11 Eight cricket bats each measure Find their total length in metres.	65cm. 5.2 m
12 600ml cost 42p. Find the cost of	1l70p

SECTION 3 | Test 12

С	Answer
1 How many cereal packets, each containing 250g, can be made from 10kg of cereal?	40
 <i>x y</i> 34.94 Find the difference between the 4 marked <i>x</i> and the 4 marked <i>y</i>. 3 Each square represents 1 square 	3.96
 a Find the area of the rectangle in cm². b Find its perimeter in centimetres. 4 How many ice creams, each costing 60p, can be bought for £4.80? 	a <u>21cm</u> ² b <u>20cm</u> 8
5 Find the total value of the coins.	£3.70
 6 Which shape is a a rhombus b a kite c a trapezium? 	a C b D c A
7 A car is 3350mm in length and a minibus is 3.5m long. By how many millimetres is the minibus longer than the car?	 150mm
8 The total length of the sides of an isosceles triangle is 840mm. The shortest side measures 240mm. Find the length of each of the other two sides.	<u>300mm</u>
9 Ellie counts back seven from zero, then counts on four and then back six What number does she end up on?	(. 9
10 60p is made up of an equal number of 5ps and 10ps. How many 5ps are there?	4 5ps
11 The widest point across a 10p coin measures 24.5mm. 10 coins are placed side by side in a straight line. Find the length of the line in centimetres.	24.5 cm
12 11 12 12 12 Write the time that is $4\frac{1}{2}$ hours after the time on the clock, using the 24-hour	
morning format.	14:07

CHECK-UP TEST | Number

nine hundred and sixty960four thousand and six4006one point one ninefour hundred and eight408ten point one10.1twenty point zero twoeight thousand and seventy8070three point zero five3.053.05									
3000 + 500 +	+ 9 = 3569			60	7.0 + 0.5 +	0.01 =			7.5
6000 + + 80 +				800	10.0 + 0.4				10
3 + 40 + 9000 =			(9043	6.0 + 0.02				6.0
$(1000 \times 4) + (100)$		× 3) =		4930	20.0 + 0.08				20.0
456 = tens + 6	units		4	tens	Write as a d	decimal.			
903 = 📕 tens + 3	units		9(tens	one-tenth		0.1	<u>9</u> 10	0
1875 = 🚺 tens + 5	5 units		187	7 tens	one-hundre	edth	0.01	<u>18</u> 100	0.1
5102 = hundred	ds + 2 units	5	51 hur	ndreds	101 tenths		10.1	<u>95</u> 100	0.9
9040 = hundre	ds + 4 tens		90 hur	ndreds	105 hundre	edths	1.05	<u>20</u> 100	0
Write the value of	the digit u	nderlined.				1			
4 <u>6</u> 7	60	3 <u>7</u> 51	700	32. <u>1</u> 4	1 .	<u>1</u> 10 5	865. <u>8</u>		
<u>8</u> 479	8000	200 <u>8</u>	8	10.9	5	100	40.0 <u>6</u>		1
3 <u>2</u> .5	2	1 <u>6</u> 0.2	60	0. <u>5</u> 6	-	<u>5</u> 10	20.0 <u>2</u>		
How many times s	maller is	I		1			1		
5 than 50	10	96 than 960	10	0.6 t	han 6.0	10	0.3 thar	n 30	1
7 than 700	100	23 than 2300	100	0.1 t	han 10.0	100	0.07 tha	an 0.7	
270 than 2700 _	10	54 than 5400	100	0.08	than 8.0	100	0.25 tha	an 25?	1
How many times la	arger is								
390 than 39	10	400 than 40	10	8.0 t	han 0.8	10	50 than	0.5	1
4500 than 45	100	9000 than 90	100	16.0	than 1.6	10	0.4 thai	n 0.04	
3100 than 31	100	6140 than 614	10	9.0 t	han 0.09	100	17 than	0.17?	1
7 + 8 =	15	17 + 7 =	24	11 –	6 =	5	26 – 9 =	=	
6 + 5 =	11	8 + 25 =	33	13 –	8 =	5	22 – 6 =	=	
9 + 9 =	18	59 + 6 =	65	15 –	9 =	6	43 – 5 =	=	
4 + 7 =	11	5 + 76 =	81	11 –	8 =	3	61 – 4 =	=	
8 + 3 =	11	46 + 8 =	54	14 –	7 =	7	85 – 7 =	=	
9 + 7 =	16	7 + 89 =	96	12 –	3 =	9	93 – 9 =	=	
7 + 5 =	12	38 + 7 =	45	17 –	8 =	9	32 – 8 =	=	
5 + 9 =	14	4 + 59 =	63	14 –	9 =	5	54 – 6 =	=	
4 + 8 =	12	69 + 5 =	74	12 –	7 =	5	72 – 5 =	=	
9 + 4 =	13	8 + 34 =	42	14 –	8 =	6	41 – 3 =	=	
8 + 9 =	17	77 + 6 =	83	13 –	6 =	7	82 – 9 =	=	
6 + 6 =	12	9 + 68 =	77	11 –	7 =	4	95 – 6 =	=	
3 + 8 =	11	43 + 9 =	52	13 –	4 =	9	67 – 9 =	=	
8 + 6 =	14	6 + 87 =	93	16 –	7 =	9	56 – 8 =	=	
Find the value of e	ach missing	g number.							
- 9 = 3	12	14 = 5	9	+	7 = 13	6	8 + 🛛 :	= 14	
8 + = 15	7	- 5 = 8	13	12 –	= 4	8	- 7 =	= 9	
-7=4	11	9 + = 15	6	9+	= 18	9	+ 9 =	= 17	

CHECK-UP TEST | Number

7 × 7 =	49	(6 × 9) + 8 =	62	36 ÷ 9 =	4	30 ÷ 8 =	<u> </u>
8 × 6 =	48	(4 × 8) + 7 =	39	49 ÷ 7 =	7	16 ÷ 9 =	1r7
3 × 7 =	21	(5 × 7) + 6 =	41	30 ÷ 5 =	6	20 ÷ 3 =	6r
5 × 9 =	45	(6 × 3) + 2 =	20	72 ÷ 8 =	9	54 ÷ 8 =	<u>6</u> r
7 × 8 =	56	(1 × 9) + 5 =	14	24 ÷ 6 =	4	80 ÷ 9 =	<u>8</u> r
6 × 6 =	36	(2 × 7) + 6 =	20	0 ÷ 4 =	0	63 ÷ 8 =	7 r
4 × 5 =	20	(3 × 9) + 6 =	33	27 ÷ 9 =	3	20 ÷ 7 =	<mark>2</mark> r
9 × 2 =	18	$(7 \times 7) + 4 =$	53	42 ÷ 6 =	7	53 ÷ 9 =	5 r
0 × 3 =	0	(5 × 6) + 3 =	33	64 ÷ 8 =	8	21 ÷ 8 =	2 r
9 × 9 =	81	(6 × 8) + 5 =	53	40 ÷ 5 =	8	3 ÷ 5 =	0 r
8 × 5 =	40	(0 × 5) + 3 =	3	18 ÷ 9 =	2	40 ÷ 7 =	5 r
6 × 7 =	42	(8 × 8) + 7 =	71	56 ÷ 7 =	8	19 ÷ 5 =	<mark>3</mark> r
3 × 8 =	24	(4 × 9) + 5 =	41	28 ÷ 4 =	7	69 ÷ 9 =	7 r
9 × 4 =	36	(8 × 7) + 4 =	60	32 ÷ 8 =	4	48 ÷ 7 =	<mark>6</mark> r
4 × 6 =	24	(9 × 6) + 5 =	59	81 ÷ 9 =	9	16 ÷ 6 =	2 r
7 × 9 =	63	(2 × 8) + 6 =	22	36 ÷ 6 =	6	45 ÷ 8 =	5 r
4 × 3 =	12	$(4 \times 7) + 4 =$	32	35 ÷ 5 =	7	57 ÷ 6 =	9 r
9 × 8 =	72	(8 × 9) + 8 =	80	54 ÷ 9 =	6	31 ÷ 8 =	3 r
7 × 4 =	28	$(7 \times 6) + 4 =$	46	48 ÷ 6 =	8	61 ÷ 7 =	<mark>8</mark> r
3 × 5 =	15	(3 × 6) + 4 =	22	63 ÷ 7 =	9	62 ÷ 9 =	<mark>6</mark> r
	8	9 × = 63	7	× 4 = 32	8	$16 \div = 4$	
÷ 6 = 5 × 7 = 42	<u> </u>	÷ 8 = 9 5 × = 45	72 9	21 ÷ = 3 36 ÷ = 9	7 4	x = 64 x = 64 x = 7	2
	30	÷ 8 = 9	72	21 ÷ 🛛 = 3	7	× 8 = 64	
× 7 = 42	<u> </u>	÷ 8 = 9 5 × = 45	72 9	21 ÷ = 3 36 ÷ = 9	7 4	× 8 = 64	2
x 7 = 42 $27 \div = 9$ $\frac{1}{2}$ of 18	30 6 3		72 9 81	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$	7 4 6	× 8 = 64 ÷ 4 = 7	2
x 7 = 42 $27 \div = 9$ $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21	30 6 3 9 7		72 9 81 7 8	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$ $\frac{5}{6} \text{ of } 54$	7 4 6 15 45	× 8 = 64 ÷ 4 = 7 $\frac{2}{5}$ of 45 $\frac{4}{7}$ of 35	2
x 7 = 42 $27 \div = 9$ $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21	30 6 3		72 9 81 7	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$	7 4 6	x 8 = 64 $\div 4 = 7$ $\frac{2}{5} \text{ of } 45$	
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36	30 6 3 9 7 6 5		72 9 81 7 8 8 4	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$ $\frac{5}{6} \text{ of } 54$ $\frac{7}{8} \text{ of } 48$	7 4 6 15 45 42		1 1 2 4
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n	30 6 3 9 7 6 5		72 9 81 7 8 8 4	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70	7 4 6 15 45 42		2 1 2 4
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8	30 6 3 9 7 6 5 umber when 24		72 9 81 7 8 4 10	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$ $\frac{5}{6} \text{ of } 54$ $\frac{7}{8} \text{ of } 48$ $\frac{3}{10} \text{ of } 70$ $\frac{5}{6} \text{ is } 30$	7 4 6 15 45 42 21	× 8 = 64 ÷ 4 = 7 $\frac{2}{5}$ of 45 $\frac{4}{7}$ of 35 $\frac{7}{9}$ of 63 $\frac{9}{10}$ of 80 $\frac{4}{5}$ is 16	2 1 2 4 7
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7	30 6 3 9 7 6 5 umber when 24 42	$ \begin{array}{c} \dot{} \div 8 = 9 \\ 5 \times = 45 \\ \hline{} \div 9 = 9 \\ \end{array} $ $ \begin{array}{c} \frac{1}{4} \text{ of } 28 \\ \frac{1}{5} \text{ of } 40 \\ \frac{1}{8} \text{ of } 32 \\ \frac{1}{10} \text{ of } 100 \\ \end{array} $ $ \begin{array}{c} \frac{1}{5} \text{ is } 6 \\ \frac{1}{8} \text{ is } 9 \\ \end{array} $	72 9 81 7 8 4 10 30 72	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21	7 4 6 15 45 42 21 36 24	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 $	2 1 2 4 7
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8	30 6 3 9 7 6 5 umber when 24		72 9 81 7 8 4 10	$21 \div = 3$ $36 \div = 9$ $4 \times = 24$ $\frac{3}{4} \text{ of } 20$ $\frac{5}{6} \text{ of } 54$ $\frac{7}{8} \text{ of } 48$ $\frac{3}{10} \text{ of } 70$ $\frac{5}{6} \text{ is } 30$	7 4 6 15 45 42 21	× 8 = 64 ÷ 4 = 7 $\frac{2}{5}$ of 45 $\frac{4}{7}$ of 35 $\frac{7}{9}$ of 63 $\frac{9}{10}$ of 80 $\frac{4}{5}$ is 16	2 1 2 4 7
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7	30 6 3 9 7 6 5 umber when 24 42	$ \begin{array}{c} \dot{} \div 8 = 9 \\ 5 \times = 45 \\ \hline{} \div 9 = 9 \\ \end{array} $ $ \begin{array}{c} \frac{1}{4} \text{ of } 28 \\ \frac{1}{5} \text{ of } 40 \\ \frac{1}{8} \text{ of } 32 \\ \frac{1}{10} \text{ of } 100 \\ \end{array} $ $ \begin{array}{c} \frac{1}{5} \text{ is } 6 \\ \frac{1}{8} \text{ is } 9 \\ \end{array} $	72 9 81 7 8 4 10 30 72	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21	7 4 6 15 45 42 21 36 24	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 $	2 1 2 4 7 2 4 7
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7 $\frac{1}{9}$ is 4	30 6 3 9 7 6 5 umber when 24 42 36	$ \begin{array}{c} \dot{} \div 8 = 9 \\ 5 \times = 45 \\ \dot{} \div 9 = 9 \\ \end{array} $ $ \begin{array}{c} \frac{1}{4} \text{ of } 28 \\ \frac{1}{5} \text{ of } 40 \\ \frac{1}{8} \text{ of } 32 \\ \frac{1}{10} \text{ of } 100 \\ \end{array} $ $ \begin{array}{c} \frac{1}{5} \text{ is } 6 \\ \frac{1}{8} \text{ is } 9 \\ \frac{1}{10} \text{ is } 12 \\ \end{array} $	72 9 81 7 8 4 10 30 72 120	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21 $\frac{4}{9}$ is 36	7 4 6 15 45 42 21 36 24 81	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 \frac{7}{10} \text{ is } 49. $	2 1 2 4 7
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7 $\frac{1}{9}$ is 4 11 × 10 =	30 6 3 9 7 6 5 umber when 24 42 36 110	$ \begin{array}{c} \dot{} \div 8 = 9 \\ 5 \times = 45 \\ \dot{} \div 9 = 9 \\ \end{array} $ $ \begin{array}{c} \frac{1}{4} \text{ of } 28 \\ \frac{1}{5} \text{ of } 40 \\ \frac{1}{8} \text{ of } 32 \\ \frac{1}{10} \text{ of } 100 \\ \end{array} $ $ \begin{array}{c} \frac{1}{5} \text{ is } 6 \\ \frac{1}{8} \text{ is } 9 \\ \frac{1}{10} \text{ is } 12 \\ \end{array} $ $ \begin{array}{c} 130 \div 10 = \\ \end{array} $	72 9 81 7 8 4 10 30 72 120	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21 $\frac{4}{9}$ is 36 1.3 × 10 =	7 4 6 15 45 42 21 36 24 81	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 \frac{7}{10} \text{ is } 49. 4.0 \div 10 = $	1 2 2 2 2 2 2 2 0 6
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7 $\frac{1}{9}$ is 4 11 × 10 = 100 × 10 =	30 6 3 9 7 6 5 umber when 24 42 36 110 1000		72 9 81 7 8 4 10 30 72 120 13 80	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21 $\frac{4}{9}$ is 36 1.3 × 10 = 0.96 × 10 =	7 4 6 15 45 42 21 21 36 24 81 	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 \frac{7}{10} \text{ is } 49. 4.0 \div 10 = 66.0 \div 10 = $	
x 7 = 42 27 \div = 9 $\frac{1}{2}$ of 18 $\frac{1}{3}$ of 21 $\frac{1}{6}$ of 36 $\frac{1}{9}$ of 45 Find the whole n $\frac{1}{3}$ is 8 $\frac{1}{6}$ is 7 $\frac{1}{9}$ is 4 11 × 10 = 100 × 10 = 145 × 10 =	30 6 3 9 7 6 5 umber when 24 42 36 110 1000 1450		72 9 81 7 8 4 10 30 72 120 120 13 80 462	21 ÷ = 3 36 ÷ = 9 4 × = 24 $\frac{3}{4}$ of 20 $\frac{5}{6}$ of 54 $\frac{7}{8}$ of 48 $\frac{3}{10}$ of 70 $\frac{5}{6}$ is 30 $\frac{7}{8}$ is 21 $\frac{4}{9}$ is 36 1.3 × 10 = 0.96 × 10 = 0.02 × 10 =	7 4 6 15 45 42 21 36 24 81 	$ x 8 = 64 \div 4 = 7 \frac{2}{5} \text{ of } 45 \frac{4}{7} \text{ of } 35 \frac{7}{9} \text{ of } 63 \frac{9}{10} \text{ of } 80 \frac{4}{5} \text{ is } 16 \frac{2}{7} \text{ is } 12 \frac{7}{10} \text{ is } 49. 4.0 \div 10 = 66.0 \div 10 = 0.3 \div 10 = $	2 1 2 4 7 2 4 7

$\frac{2}{5} =$	<u>4</u> 10	$\frac{3}{4} =$	<u> </u>	$\frac{1}{5} =$	<u>20</u> 100	$\frac{1}{10} =$	<u> 10 </u> 100	$\frac{50}{100} =$	<u>1</u> 2
$\frac{2}{3} =$	<u>8</u> 12	$\frac{5}{6} =$	<u> 10 </u>	$\frac{3}{5} =$	<u> 60 </u>	$\frac{3}{10} =$	<u> </u>	$\frac{75}{100} =$	<u> </u>
$\frac{5}{8} =$	<u> 10 </u> 16	$\frac{7}{20} =$	<u>35</u> 100	$\frac{1}{25} =$	4	$\frac{7}{10} =$	<u>70</u> 100	$\frac{20}{100} =$	<u>1</u> 5

CHECK-UP TEST | Measurement

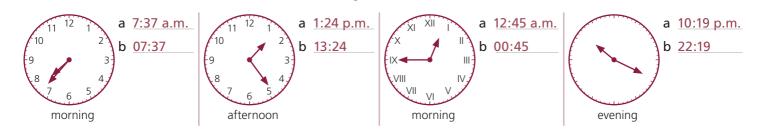
A Write in each box the coins which make up	32p	20p, 10p, 2p	54	р_	50p, 2p, 2p	65p	50p, 10p, 5p
the given amount. Use the least possible	80p	50p, 20p, 10p	67	р_	50p, 10p, 5p, 2p	18p	10p, 5p, 2p, 1p
number of coins.	26p	20p, 5p, 1p	71	р	50p, 20p, 1p	59p	50p, 5p, 2p, 2p

B Find the change from each amount.

	Amount	Spent	Change	Amount	Spent	Change	ſ	Amount	Spent	Change	
		•				-			•		
	50p	24p	26 p	90p	81p	9 p		£3	£2.13	£0.87	
	50p	35р	15 p	60p	52p	8 p		£4	£1.25	£2.75	
	50p	12p	38 p	30p	23p	7 p		£4	£2.48	£1.52	
	50p	37р	13 p	45p	41p	4 p		£5	£3.09	£1.91	
	50p	28p	22 p	£1	24p	76 p		£5	£2.46	£2.54	
	50p	19p	31 p	£1	37р	63 p		£5	£1.67	£3.33	
	50p	23p	27 p	£2	£1.69	31 p		£5	£2.11	£2.89	
	50p	16p	34p	£2	£1.06	94 p		£5	£0.88	£4.12	
C	10 5ps = 6 5ps =		25 2ps	£7.50 =		15 50ps	f	2.55 =		12 20ps, 3 5ps	
			15 2ps	£10.00 =		20 50ps	f	£1.72 =		8 20ps, 6 2ps	
	14 5ps =		7 10ps	£3.80 =		19 20ps	f	£2.78 =		13 20ps, 9 2ps	
	100 5ps =		50 10ps	£10.00 =		50 20ps	f	E4.30 =	38 10ps, 1 50p		
	12 5ps =		3 20ps	£5.00 =		50 10ps	f	£3.80 =		7 50ps, 3 10ps	
	50 10ps =		25 20ps	£7.50 =		75 10ps	f	£4.25 =		<mark>8</mark> 50ps, 5 5ps	
	45 10ps =		9 50ps	£5.00 =		100 5ps	f	£2.90 =		5 50ps, 4 10ps	
	65 10ps =		13 50ps	£2.20 =		44 5ps	f	£1.64 =	3 50ps, 7 2ps		
D	24p + 36p + 50p =		£1.10	£1.35 – 60p =		£0.75	f	£2.24 + £3.09 =		£5.33	
-	39p + 41p + 22p = $f1.02$ $25p + 75p + 9p =$ $f1.09$ $63p + 28p + 12p =$ $f1.03$ $82p + 63p + 15p =$ $f1.60$		£1.02	£2.70 – 85p =		£1.85	f	£4.75 – £2.80 =		£1.95	
			£1.09	£4.60 – 99p =		£3.61	f	£1.62 + £1.38 =		£3.00	
			£1.03	f2.29 - f0.74 =		£1.55	f	$\pm 1.50 - \pm 0.77 =$		£0.73	
			£3.20 - £2.93 =		<u>£0.27</u>	f	f3.87 + f0.45 =		<u>£4.32</u>		
E	Find the cost	of									
	5kg at 25p per kg 3 $\frac{1}{2}$ kg at 30p per kg 4 $\frac{1}{2}$ kg at 20p per $\frac{1}{2}$ kg 2kg at 50p per 200g		£1.25	1 1 1 at 28p per l		£0.42	5	5m at £1.18 per m		£5.90	
			£1.05	3l at 55p per l		£1.65		75cm at £1 per m		£0.75	
			£1.80	2 <mark>1</mark> 1 at 22p per l		£0.55		$4\frac{1}{2}$ m at 50p per m		£2.25	
			£5.00	$\frac{1}{2}$ l at 60p per		£3.00		l ¹ 4m at 20p	~	£0.50	
	$6\frac{1}{2}$ kg at 60p	per kg	£3.90	750ml at 26p	o per 1 1	£0.39	2	2m at 30p pe	er 20cm.	£3.00	

(F) Write the times shown on these clocks

a using the 12-hour clock format, using a.m. or p.m.b using the 24-hour clock format.



CHECK-UP TEST | Measurement and geometry

						-
1cm =	10mm 0.01m =	1cm	0.25m =	250mm 1/4	m =	25 cm
0.1cm =	1mm 0.25m =	25 cm	0.75m =		m =	50 cm
1m =	<u>100cm</u> 0.75m =	75 cm	1km =	-	m =	75 cm
0.1m =	<u>10cm</u> 1m =	1000mm	0.5km =		m =	500 mm
0.8m =	80cm 0.5m =	500 mm	0.75km =	-	m =	750mm
184mm =	18 cm 4mm	390mm =	39 cm	3258m =	3km	258 m
307mm =	30 cm 7 mm	412mm =	41.2 cm	5106m =	5km	106 m
465cm =	4m 65cm	800cm =	8 m	8200m =		<mark>8.2</mark> km
1000cm =	10 m 0 cm	330cm =	3.3 m	6500m =		6.5km
340cm =	3m 40cm	785cm =	7.85 m	7750m =		7.75 km
3000g =	3kg	5000ml =	51	$\frac{1}{2}$ kg =		500 g
5280g =	5kg 280g	2884ml =	2l 884ml	$\frac{1}{4}$ kg =		250 g
8090g =	8kg 90g	6160ml =	6l 160ml	$\frac{3}{4}$ kg =		750 g
4400g =	4.4 kg	7300ml =	7.3	$\frac{1}{2}l =$		500 ml
7250g =	7.25kg	900ml =	0.91	$\frac{3}{4}l =$		750 ml
240g + 260g	$=\frac{1}{2}$ kg	¹ / ₂ l +92n	<u>nl</u> = 592ml	820g – 0.7k	g =	120 g
370g + 130 g	-	$\frac{1}{2}l + 134n$	nl = 634ml	925ml – 0.8	l =	125 ml
406g + 94g	4	$\frac{1}{2}l + 327n$	<u>nl</u> = 827ml	0.6kg + 60g	=	660g
215g + 35 g	$=\frac{1}{4}$ kg	$\frac{1}{4}l + 60n$	<u>nl</u> = 310ml	0.25l + 120r	nl =	370 m
198g + 52g	$=\frac{1}{4}$ kg	1/4 l + 175n	<u>nl</u> = 425ml	0.75kg + 24	0g =	990 g
Work across the panearest whole number nearest hundred nearest £1	$ \begin{array}{c} 19\frac{3}{4} \\ 308 \\ \text{f17.09} \\ \text{f17} \end{array} $	$ \begin{array}{c c} 20 & 10\frac{1}{3} \\ 300 & 953 \\ f4.83 \end{array} $	1014.410001326£5£32.5	14 1300 0 £33	-	12 3000 £129
nearest cm	7cm 2mm	7 cm 10)9mm	11cm 39.6	Scm	40 cm
nearest m	8m 51cm	<u> </u>	30cm	<u>7m</u> 15.3	3m	15 m
nearest km	12 <u>1</u> 4km	12km18	3km 900m	<u>19km</u> 78.5	ōkm	79 km
nearest kg	4kg 300g	4kg 91	<g 550g<="" td=""><td>10kg 99.2</td><td>25kg</td><td>99kg</td></g>	10kg 99.2	25kg	99kg
nearest ¹ / ₂ kg		6kg 12	2kg 380g	$12^{\frac{1}{2}}$ kg 5kg	600g	5 ¹ 2kg
riculest 2 kg	6kg 200g				ooog	

18cm² 18cm

8cm² 12cm

160	cm	2	<u>16cm</u>