(A		Answer
1	5.384 + 4.16 =	9.544
2	4km – 272m = 8km	3.728km
3	£30 × 27 =	<u>£810</u>
4	$\frac{£5.18}{6} = \text{ pr} p$	<u>86pr 2p</u>
5	1.5 million = 🧠 thousands	1500 thousands
6	$(6 \times 10^5) + (1 \times 10^4) +$ $(7 \times 10^2) + (4 \times 1) =$	610704
7	$0.75l = \odot \text{ cm}^3$	750cm³
8	$3 \times (5 + 1) - 10 \div 2 =$	13
9	$\frac{1}{3} \times \frac{1}{3} =$	<u>1</u> 9
10	Find $\frac{3}{8}$ of £36.	<u>£13.50</u>
11	$\frac{48mm + 72mm}{4} = CM$	3cm
12	a 25% of 1.28l = ml	a 320ml
	b 75% of 1.28kg = g	b 960g
Œ		Answer

	5 75% of 1.28kg = g	<u>b</u>	960g
107		Answer	
1	Divide 45kg in the ratio 7:8.	21kg	24kg
· 2	Find the product of 10 and 0.002.		0.02
:3	One article costs 21p. Find the cost of a 10	a <u>f2.10</u>	
	b 50.	b £10,50	-
4	1 mile ≈ 1.6km. About how many miles is 64km?		40 miles
5	a Increase £2.56 by 100%.	a £5.12	
	b Decrease £2.40 by 50%.	b £1.20	
6	By how many grams is twice 2.175kg less than 5kg?		650g
7	How many seconds in $= \frac{1}{3}$ min	a	20s
	b 0.25min?	<u>b</u>	15s
8	£5.60 is shared equally among eight children. Find one share.		70p
9	Change to percentages. a 0.13	a	13%
	b 0.35	b	35%
10	The area of a square card is 1m². Find in centimetres the length of one side	•	100cm
11	0.75 of a quantity has a mass of 3.36kg. Find the mass of 0.5 of the quantity.		2.24kg

12 Find the sum of (4×0.7) and (0.7×6) .

			,	
2 Test 7				Schofield & Sims
	Answer	(c		Answer
	9,544	: 1:	A book costs £2.40. In a sale it is to be sold at 75% of this price. How much will	
i km	3.728km		it be sold for?	<u>£1.80</u>
	£810	2	The total mass of the three	5
≬ p	86p r 2p		parcels is 7kg.	
thousands	1500 thousands		2.5kg 3.425kg kilograms the mass of	
× 10 ⁴) +			parcel C.	1.075kg
(1) =	610704	3	Ali earns \$5.50 per hour. What is his wage for a 30-hour week?	\$165
	750cm³	: 4	The scale reading	
) ÷ 2 =	13		shows the mass of 20 tomatoes.	
	1 9		Find the average mass of one	
	£13.50		tomato.	45g
cm	3cm	_		
Bl = ml	a 320ml	5	Find the change from £10 after spending £3.60, £2.50 and 99p.	£2.91
Bkg = g	b 960g	6.	A The right-angled	
	Answer	-	triangle is an isosceles triangle.	
the ratio 7:8.	21kg 24kg		Find in degrees R a ∠ CAB	a 45°
ct of 10 and 0.002.	0.02		c b ∠ BCA:	b 45°
ets 21p.		: _{4,} 7	A packet of peas has a mass of 375g.	2.25kg
f a 10	a <u>f2.10</u>		Find in kilograms the mass of six packets.	- 2.23Ny
b 50.	b £10.50	8	10cm The shaded part is cut from this	
a. About how many miles	40 miles		rectangular card. Find the area of	
F.C. h., 1000/			the part that is cut off.	20cm²
56 by 100%. 2.40 by 50%.	a £5.12 b £1.20	9	Write the next two numbers	-
grams is twice 2.175kg		-	in this sequence. 24, 17, 10, 3, (a), (b)	-4 -11
	650g	10	A measurement of 38mm on a plan	
conds in a $\frac{1}{3}$ min	<u>a</u> 20s	. 47-	represents a distance of 38m. What would a 3cm line on the plan represent?	' 30m
b 0.25min?	<u>b</u> 15s	₋₁₁	The graph	
d equally among eight one share.	70p	41.°	8 shows the	
centages. a 0.13	a 13%		temperature for five days.	

			Answer
	5% of this pric	a sale it is to be ce. How much will	£ 1.80
2 2.5kg	3.425kg	The total mass of the three parcels is 7kg. Find in kilograms the mass of parcel C.	
	\$5.50 per hou a 30-hour we		\$ 165
4	o kg	The scale reading shows the mass of 20 tomatoes. Find the average mass of one tomato.	45g
	change from £ 2.50 and 99p.	£10 after spending	£2.91
. 6. c	tr iso Fi	ne right-angled iangle is an osceles triangle. nd in degrees ∠ CAB ∠ BCA:	a 45° b 45°
	of peas has a	mass of 375g. nass of six packets.	2.25kg
8cm 8cm	cm 15cm	The shaded part is cut from this rectangular card. Find the area of the part that is cut off.	20cm²
in this se	e next two nui equence. 0, 3, 💿 , 🕾	mbers	-4 -11
represen	rement of 38r ts a distance o 3cm line on th		• 30m
represen would a	ts a distance c	of 38m. What	• 30m
represen would a	ts a distance of 3cm line on the 3cm line of t	of 38m. What the plan represent? The graph shows the temperature for five days. Find the mean daily temperature.	

A		Answer	C
.1	79 + 87 + = 300	134	1
2	$10^6 = 10 \times 10 \times 10 \times 10 \times 10 \times 10 =$	1000000 '	gar.
3	3h 20min – 1h 55min = . h min	1h 25min	2
4	6l 515ml = ml	6515ml	3
5	f10.10 × 10 =	<u>£101.00</u>	N. P.
6	0.75m + 350mm + 400mm = m	1,5 m	
7	9.18 + hundredths = 10	82 hundredths	4
8	$36 \times 6p = f$	£2.16	
9	6% of 1kg = - g	60g	
10	10 ³ – 87 =	913	5
11	7kg ÷ 8 = g	875 g	
	$y \div 5 = \frac{2}{5}$. Find the value of y.	2	
	,		
3		Answer	6
.1	Write in digits the number one hundred and eleven thousand and one.	111 001	
2	How much less than 1 tonne is 860kg?	140kg	
3	How many £s are equal in value to 10 000p?	£100	7
4	Which three consecutive numbers when added together equal 21?	678	8
5	Find a 1% of £75.00	a 75p	
	b 11% of £75.00.	b f 8.25	
6	20 cost £8. Find the cost of 15.	<u>f</u> 6	
7	Write 300ml of 0.5l as		9
	a a fraction in its simplest form	a 3/5	10
	b a percentage.	b 60%	
8	When $y = 2$, $6y = w - 8$. Find the value of w .	20	11
9	How many 400g packs can be filled from 10kg?	25	
10	Write as a decimal. $a^{\frac{3}{4}}$	a 0.75	
	b 7/8	b 0.875	
11	Write the numbers between 0 and 40 of which both 3 and 4 are factors.	12, 24, 36	
12	The length of a rectangle is twice its widt The perimeter is 54cm. Find	h.	12
	a the length	a 18cm	
	b the width.	<u>b</u> 9cm	

	C		Answer
134	1	5% of a 4m roll of ribbon was used. How many centimetres was that?	29cm
000 000	2	By how much is the product of $\frac{1}{2}$ and $\frac{1}{4}$ less than the sum of $\frac{1}{2}$ and $\frac{1}{4}$?	5
15ml	3	Four hamsters together have a mass of 200g. How many have a mass of $2\frac{1}{2}$ kg?	50
.5m	4	Find the nearest whole number.	
edths		a ⁵¹ / ₄ b 97 ÷ 8	a 13 b 12
60g		c 156.6 ÷ 6	c 26
913 375g 2	(5)	A E B ABCD is a square. E is the midpoint of the side AB. Find in degrees the size of each of the angles D C x, y and z.	∠x 63° ∠y 54° ∠z 27°
001	6	£3.52 was received in change from £10 after buying six plants. Find the average cost of a plant.	<u>£1.08</u>
i0kg	7	A car travels 200km in 2h 30min. Find its average speed in km/h.	80km/h
8 75p		The circumference of this circle is 22cm and the radius is 3.5cm. Find the perimeter of the semicircle.	18cm
	9	Find the cost of 2.25kg at £10 per $\frac{1}{2}$ kg.	<u>f</u> 45
50%	10	How many cubes with sides measuring 10cm each fit into a cube with sides of 1m?	1000
20	11	This is part of the dial of a stopwatch which measures to one-tenth of a second.	
25		a Write in seconds the reading at Y	<u>a Y 10.9s</u>
L 36		at Z. b Write in seconds the difference between the readings at Y and Z.	
8cm 9cm	12	In 4 weeks Jessica travelled 530km, 470km, 640km and 360km. What was the average distance she travelled per week?	500km