Answer

Ā		Answer
		Write in words the number shown on the abacus. two hundred and thirty-five thousand and four hundred
2	Add 1.0, 0.1 and 0.001.	1.101
3	3375mm = 🦠 m	3.375m
4	× 10 = 498700	49870
5	$\frac{1}{2}\times\frac{1}{2}=$	<u> </u>
6	8kg - 6.075kg = kg	1.925kg
7	6 × 5 × 9 =	270
8	$2\frac{1}{4}\min = s$	135s
9	$\frac{3}{5}$ of £45 = £	£27
10	$\frac{3}{12} + \frac{1}{6} =$, <u>5</u> <u>12</u>
.11	$3^3 - 2^3 =$	19
12	Find 15% of £2.00.	30p
(3)		Answer

11	$3^3 - 2^3 =$	19	
12	Find 15% of £2.00.	30 p	(
(3		Answer	-
1	1m costs £1.50. Find the cost of 10cm.	15p	- 7
2	Write $\frac{12}{16}$ in its simplest form.	<u>3</u>	
2 3	To the difference between £5.00 and £2.55 add six 2ps.	£2.57	
4	A square has a perimeter of 320mm. Find its area in cm ² .	64cm²	
5	How many times can 0.25 be taken from 1?	4	
(6	5 miles ≈ 8km. About how many kilometres is 45 miles?	72km	
7	When a watering can is $\frac{3}{4}$ full it holds 900ml. How much does it hold in litres when it is fûll?	1,2l	1
8	What percentage of £6 is £1.50?	25%	
9	Find the volume in m^3 of a room 5m long, 4m wide and 2.5m high.	50m³	1
10	What fraction in its simplest form is equal to 12.5%?	<u>1</u> 8	
11	How many times heavier is 7.5kg than 75g?	100	
12	Write these fractions in order of size, the largest first.		1

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Answer	(c)		Answer
n	: 1 .	Six 30cm candles are placed end to end. How many millimetres short of 2m is their total length?	200mm
red and thirty-five	2	In which century did each of these years fall? Write the answers in digits.	
1.101		a 1676 b 1918	a 17th b 20th
3.375m	; 3	Find	
49870 1 4			a 251°
1.925kg		285° b the acute angle Z.	<u>b</u> 75°
270	4	36758 Write this number and use a decimal point to make	
135 <u>s</u>		the value of the number	- 267 50
£27		a between 360 and 370 b between 30 and 40.	a 367.58 b 36.758
, <u>5</u> 12	5	Which number when divided by 6 has $\frac{1}{3}$ as the answer?	2
30p	6	Which of these numbers have 2, 3 and 4 as factors?	
Answer	:	12 17 18 24 27 31 36	12, 24, 36
15p	7	Harry walked at an average speed of 6km/h. How many hours will he take to walk 15km?	2 ¹ / ₂ h
£2.57	8	A plan is drawn to a scale of 1mm to 10cm. Write the scale as a fraction.	· 100
64cm²	9	There are 24 small squares in the diagram. Find as a fraction in its simplest form the part which is	
		a shaded b unshaded c patterned	a ^{2/3} b ^{1/8} c ^{5/24}
1.2l	10	Round each amount to the nearest ${\bf f}$ and then find the approximate total.	•
25%	:	f5.75 f3.25 f2.99	<u>£12</u>
50m³	11	A Find the area of	
1 8		a the triangle ABC a the triangle having the same base but half the height	a 56cm²
100		of ABC	b 28cm ²
	12	$346 \times 18 = 6228$ Find a 346×0.18	a 62.28
$\frac{5}{6}$ $\frac{3}{4}$ $\frac{2}{3}$ $\frac{7}{12}$		b 34.6 × 1.8.	b 62:28

Мe	ntal Arithmetic 5 Answers	•
A		Answer
1	$4 \times y = 96$ Find the value of y.	24
2	£3.78 + £2.55 =	£6.33
3	35min × 5 = h min	2h 55min
4	f + f2.37 = f6.00	£3.63
5	1 tonne (t) = 1000kg	
	3080 kg = t kg	3t <u>80kg</u>
6	$2\frac{3}{8} - 1\frac{1}{4} =$	1 18
7	$4.804 = \frac{1000}{1000}$	4804 1000
8	a $\frac{1}{6}$ of 156 =	a 26
	$b \frac{1}{12}$ of 156 =	b 13
9	a 20p of £2.00 = %	a 10%
	b 20p of £4.00 = %	b 5%
10	$4^3 + 4^2 =$	80
11	5057m + m = 5.750km	693m
12	$\frac{£3.50}{10} \times 3 =$	£1.05
B		Answer
1	Write in digits, seven hundred thousand	
	seven hundred.	700700
2	Increase the sum of 54p and 18p by £1.08.	£1.80
3	By how many millimetres is 2620mm	
-	less than 3m?	380mm
4	One ruler cost 18p. Find the cost of a 10	64.00
		a <u>f1.80</u>
_	b 30.	b £5.40
5	Write the next two numbers in this sequence.	
	50, 5, 0.5, 4 , 4	0.05 0.005
6	How many times is 300g contained	
	in 9kg?	30
7	Write $\frac{3}{5}$ as a decimal fraction.	0.6
8	Increase a £1.00 by 13%	a £1.13
	b £1.00 by 9%.	<u>b</u> £1.09
9	Find the mean of these numbers.	
	16 14 17 13	15
10	A rectangle is 4.5m long and 0.5m wide.	
	Find a the perimeter	a 10m
	b the area.	b 2.25m ²
	Write the unit of measurement in each ca	se.
11	Find the difference between 2.75 million and 300 000.	2450000
11	and 300 000.	2450000
	and 300 000. For the rectangle,	
***	and 300 000. For the rectangle:	2 450 000 ∠a 29° ∠b 122°

1 Find the time taken in hours and minutes for a journey of 300km at an average speed of 40km/h. 2 Mr Khan was given a 10% reduction on a car costing €3000. How much did he pay for the car? 3 Six jugs each holding 850ml were filled from a cask containing 101. Write in litres the quantity remaining. 4 Estimate which of these angles is a 87° b 135° c 278° d 45°. 5 In a group of 32 children, 24 could swim. What percentage of the children could not swim? 6 Find in millimetres a the total of the lengths AB and AC b the difference in length between AB and AC. 5 In millimetres a the total of the lengths AB and AC a 82mm b the difference in length between AB and AC. 6 Find in millimetres 7 1 mile ≈ 1.6km. About how many kilometres is 20 miles? 8 On parents' evening, 4 out of every 5 parents who attended came by car. 100 parents attended. a How many came by car? b What fraction did not? 9 Find the length of the rectangle in metres. 10 Louise works from 6.45 a.m. to 10.15 a.m. and from 3.15 p.m. to 6.45 p.m. How many hours is that each day? 11 The volume of the cuboid is 150m³. Find its height in metres. 7 The volume of the cuboid is 150m³. Find its height in metres. 7 The volume of the cuboid is 150m³. Find its height in metres. 7 The volume of the cuboid is 150m³. Find its height in metres. 7 The volume of the cuboid is 150m³. Find its height in metres. 7 The volume of the cuboid is 150m³. Find its height in metres.			
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