Answer

	and the second s	
1	1760 ÷ 16 =	
2	$(0 + 5) \times (5 - 5) =$	(
3	$3.17 \times 10^3 =$	
4	Put the following in order of size, smallest first: $1\frac{1}{2}$, 0.5, 1.5%, $\frac{15}{50}$ 1.5	5%
5	Express 15% of 3 as a fraction in its simplest form.	
6	2 - 0.008 + 1.4 =	3.39
7	$(2.2 \times 4.5) - (1.5 \times 2.2) =$	6.0
8	Approximate 1.057 to one decimal place.	
9	Estimate to the nearest ten. 2480 ÷	49 59
10	3y + 4 = 25. Find the value of y.	
11	is 47 a composite or prime number	? prime
12	Write down the next two numbers of the sequence. 1, 3, 7, 15, ,	31 6:
(B		Answer
·, 1	£100 ÷ 80 =	£1:25
2	I put down a 10% deposit on a car costing £8750. How much is left to pay?	£7875
3	Change 3.3m to millimetres.	3300mn
4	3.75m + 452cm + 1105mm =	9.375n
5	The time 11:35 is the same as 25	minutes to 13
: <u>,</u> 6	What is the length in millimetres when an 11.5cm line is enlarged by a scale factor of 3?	345mn
7	Find the area of a square field whose perimeter is 60m.	se225m
8	A rhombus is drawn so that its smallest angle is half the size of	

its largest angle. What size is

Which letters of the word BOUGHT have both a vertical and a horizontal

10 If 1000 envelopes cost £27, find the

cost of one to the nearest 1p.

the smallest angle?

axis of symmetry?

$(\epsilon_{-}$								A	ns₩	er		
						У						
		:			6			 	1896			
-		`\		11	5	L						
-	10 mm				4			D				
	E		1 1		3							
			a. d		2							
-	. 12	&			1			*		•		
-6	-5 -4	-3	-2	-1	0	1	2	3	4	5	6	Х
					-1	A			В		1	
				P €	-2							
					-3	\ _{\\\}		10		L		
-	1 1				-4							
	- F				- 5	c) 					
L.					-6					i		-

- 2 Write down the mapping which translates shape A to position B. $(x, y) \rightarrow (x + 4, ..., y)$
- 3 Write down the mapping which translates shape A to position C. $(x, y) \rightarrow (x, y) \rightarrow (x, y) \rightarrow (x, y)$
- 4 Write down the mapping which translates shape A to position D. $(x, y) \rightarrow (x \pm 3, ..., y \pm 5)$
- 5 Write down the mapping which translates shape A to position E. $(x, y) \rightarrow (x-4, y+4)$
- 6 Write down the mapping which translates shape A to position F. $(x, y) \rightarrow (x 4.5, y 3.5)$
- 7 Write down the horizontal mapping that will bring point
 P to the y-axis. (x, y) → (x ± 1 ; y . . .)
- Write down the vertical mapping that will bring point
 P to the x-axis. (x, y) → (x, y, ± 2, ...)
- 9 Write down the mapping that will bring point P to the origin. $(x, y) \rightarrow (x \pm 1, ..., y \pm 2)$
- 10 On the above grid draw in the position of shape A when translated by the mapping $(x, y) \rightarrow (x + 3.5, y 3.5)$.
- 11 On the above grid draw in the position of shape A when translated by the mapping $(x, y) \rightarrow (x 0.5, y + 4.5)$.
- 12 On the above grid draw in the position of shape A when translated by the mapping $(x, y) \rightarrow (x 4.5, y + 0.5)$.

Name of pupil		Diagnostic Chart for Section 1 Indicate where pupil has difficulty											
		1	2	3	4	5	6	7	8	9	10	11	12
Test 1	Part A												
	Part B												
	Part C				-7.								
Test 2	Part A										,		
	Part B												
	Part C			-			E Zillodnicz worken er enemypy	7					
Test 3	Part A												
	Part B												
	Part C												
Test 4	Part A)	
	Part B												
	Part C											100	
Test 5	Part A												
	Part B		<i>:</i>					به					
	Part C					,			V/				
Test 6	Part A												
	Part B												
	Part C												
Test 7	Part A												
	Part B												
7 3 15 2 2	Part C								00,=km00m310M0000=00000				
Test 8	Part A												
	Part B					ļ							
	Part C						Y						
Test 9	Part A												
	Part B												
	Part C	The state of the s										and the second sections	*
Test 10	Part A												
	Part B												
	Part C						50		•		·····		
Test 11	Part A												
	Part B												
	Part C			200000000000000000000000000000000000000									
Test 12	Part A	NATIONAL DESCRIPTION OF THE PROPERTY OF THE PR										55000 100000	
	Part B	all delibrations are the second											
	Part C	and and and								Vivania de Servicio de Servici			

From: Mental Arithmetic 6 Answers. Copyright © Schofield & Sims Ltd, 2016. This page may be photocopied after purchase.

1-1

Зр

0