

Key stage 3 mathematics 2006

Mental mathematics Test A

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Total marks

Practice question

		37	
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Time: 5 seconds

1			
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2		300	
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3		9	
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4	mm		
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5		-2	
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6			
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Time: 5 seconds continued

7		3.68	
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8		$10y^2 - 3y^2$	
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Time: 10 seconds

9	Right		
	Wrong		
pupils			

10	cm		
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11	13					
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{3}{4}$	

12			
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13		$2x - 8$	
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14	10cm : 2km		15cm	
	km			

15			
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16	£	5%	£300
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## Time: 10 seconds continued

17	2cm by 8cm by 4cm		<input type="text"/>
	$\text{cm}^3$		

18	m	£4.50	£27	<input type="text"/>

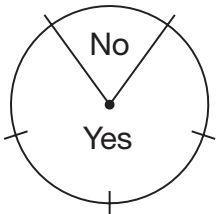
19	cm	8cm	<input type="text"/>

20	£	1 : 3	£150	<input type="text"/>

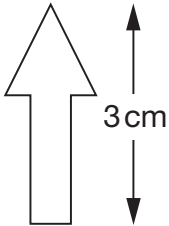
21	$y(y - 3)$		<input type="text"/>

## Time: 15 seconds

22	$27 \times 32 = 864$	<input type="text"/>
	$27 \times 16 =$ <input type="text"/>	

23	<input type="text"/>		<input type="text"/>

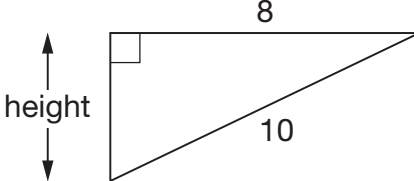
24	50		<input type="text"/>

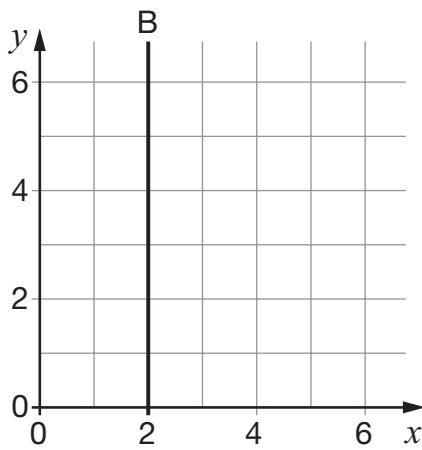
25	<input type="text"/> cm		<input type="text"/>

## Time: 15 seconds continued

26	Number of milk bottles		Frequency	
	0		6	
	1		3	
	2		8	
	3		1	
	4		2	
				<input type="text"/>

27	$\sqrt{40000}$		<input type="text"/>

28		<input type="text"/>

29		<input type="text"/>

30	$9 \times 9$		<input type="text"/>