

Key stage 3 mathematics 2006

Mental mathematics Test A

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

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

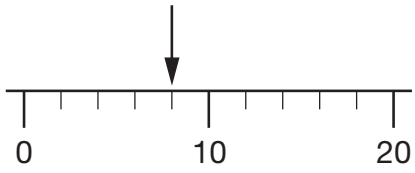
School \_\_\_\_\_

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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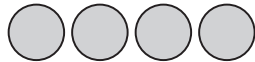

6			
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Time: 5 seconds continued

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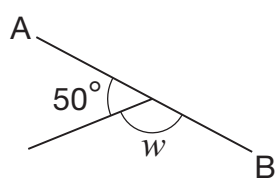
8		$10y^2 - 3y^2$	
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Time: 10 seconds

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  
 $\text{cm}^3$

18 m £4.50 £27

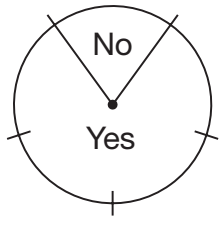
19 cm 8cm

20 £ 1 : 3 £150

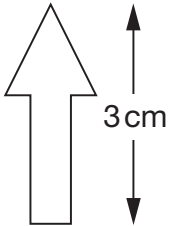
21  $y(y - 3)$

**Time: 15 seconds**

22  $27 \times 32 = 864$   
 $27 \times 16 =$

23  

24  50

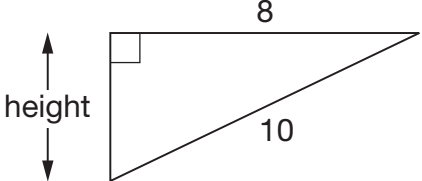
25  cm 

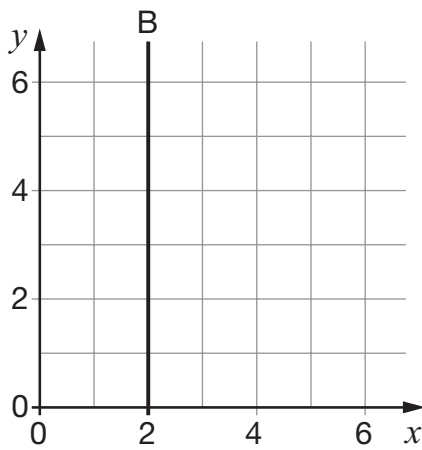
**Time: 15 seconds continued**

26

Number of milk bottles	Frequency
0	6
1	3
2	8
3	1
4	2

27  $\sqrt{40000}$

28 

29 

30  $9 \times 9$