

Key stage 3 mathematics 2006

Mental mathematics Test A

First name _____

Last name _____

School _____

Total marks

Practice question

		37	
--	--	----	--

Time: 5 seconds

1		
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2		300	
---	--	-----	--

3		9	
---	--	---	--

4	mm		
---	----	--	--

5		-2	
---	--	----	--

6			
---	--	--	--

Time: 5 seconds continued

7		3.68	
---	--	------	--

8		$10y^2 - 3y$	
---	--	--------------	--

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		
----	--	--

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

15			
----	--	--	--

16	£	5%	£300	
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Time: 10 seconds continued

17	2cm by 8cm by 4cm		
	cm ³		

18	m	£ 4.50	£27	

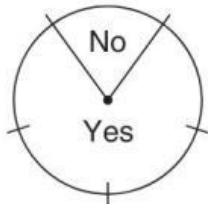
19	cm	8cm	

20	£	1 : 3	£150	

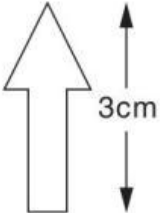
21		$y(y - 3)$	

Time: 15 seconds

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

23			

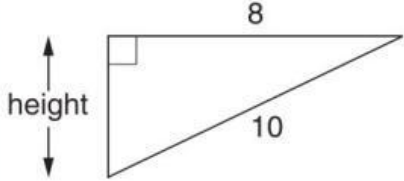
24		50	

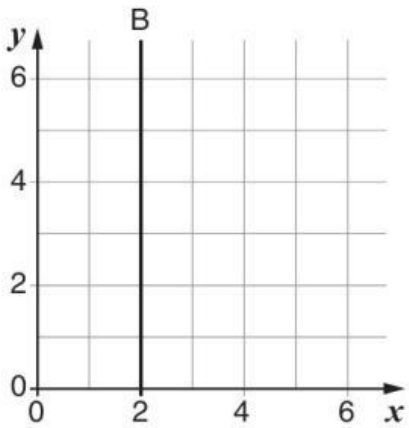
25	cm		

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		9×9	