

Key stage 3 mathematics 2009

Mental mathematics Test A

First name _____

Last name _____

School _____

Total marks

Practice question

		39	
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Time: 5 seconds

1	m	600cm	1
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2		36	2
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3			3
---	--	--	---

4		-9 5	4
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5		0.576	5
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Time: 5 seconds continued

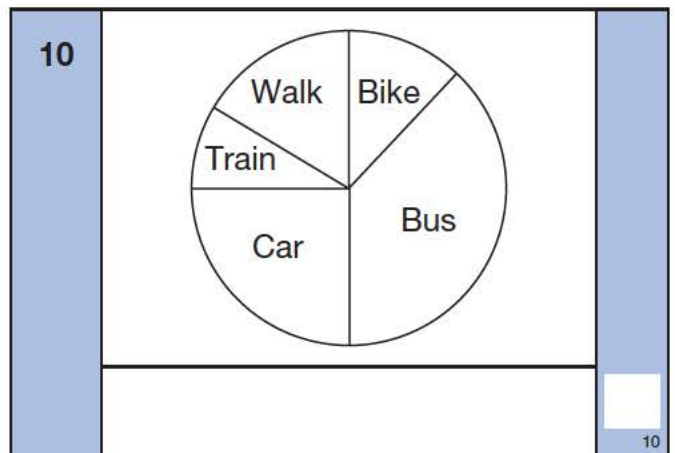
6		$8p^2 - p^2$	6
---	--	--------------	---

7	cm	58cm	7
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Time: 10 seconds

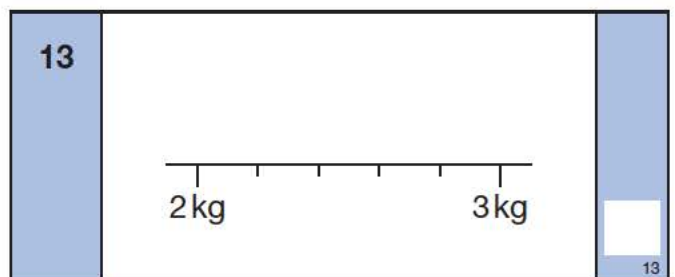
8		$x + 7 = 22$	8
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9	pm	45 minutes	9
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11	£	50%	11
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12			12
----	--	--	----



14	%	won 55% lost 30%	14
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Time: 10 seconds continued

15	3 blue, 1 red, 4 black	15

16		16
	m	

17	10	20	17
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18	$4(m - 3)$	18
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19	90	12	19
----	----	----	----

20			20

21	people	12	20%	21
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22	36km per hour	22
	km	

23	$y = 4x^2$	23
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Time: 10 seconds continued

24		$\sqrt{\frac{1}{9}}$	24

Time: 15 seconds

25	$\frac{1}{2}$	$\frac{1}{3}$	25
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26			26

27	1	2	3	27

28	Mean = 10	28
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29		29

30	____, _____, _____	45	30
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