



Key stage 3 mathematics 2005
Mental mathematics Test A

First name _____

Last name _____

School _____

Total marks

Time: 5 seconds continued

6		6.2	<input type="text"/>
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7		<input type="text"/>
----------	--	----------------------

8		3.795	<input type="text"/>
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Practice question

		38 12	
--	--	-------	--

Time: 10 seconds

9	m	1cm : 5m	<input type="text"/>
----------	---	----------	----------------------

10		3 5	<input type="text"/>
-----------	--	-----	----------------------

11	°	60° 70°	<input type="text"/>
-----------	---	---------	----------------------

12	7, 4, 1,,	<input type="text"/>
-----------	-----------------------	----------------------

13	$6g + 4h + 3g - 2h$		<input type="text"/>
-----------	---------------------	--	----------------------

14		18 9	<input type="text"/>
-----------	--	------	----------------------

15	cm	20cm 7cm	<input type="text"/>
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16		5% 16	<input type="text"/>
-----------	--	-------	----------------------

17		$32 - 2a = 24$	<input type="text"/>
-----------	--	----------------	----------------------

Time: 5 seconds

1		54	<input type="text"/>
----------	--	----	----------------------

2		<input type="text"/>
		(,)

3		<input type="text"/>
----------	--	----------------------

4	mm	1m	<input type="text"/>
----------	----	----	----------------------

5		$\frac{3}{5}$	<input type="text"/>
----------	--	---------------	----------------------

Time: 10 seconds continued

18 9.2 2.9 18

19 10km 12 minutes

km/h

19

20 $2a(a + 4)$ 20

Time: 15 seconds

21

Girls	
Boys	

= 4 people

21

22

22

23 $a = -3$ $b = -7$

$a - b$

23

24 5 5 24

Time: 15 seconds continued

25

cm

25

26 $\frac{2}{3}$ $\frac{3}{4}$ 80 26

27

No. of people	1	2	3	4
Frequency	5	4	0	1

people

27

28 cm^2 $8cm^2$ 28

29

29

30 $\frac{2}{5}$ 1 30