

Key stage 3 mathematics 2009

Mental mathematics Test B

First name _____

Last name _____

School _____

Total marks

Practice question

	39	
--	----	--

Time: 5 seconds

1	millimetres	kilometres	
		metres	
	centimetres	inches	
	<input type="text"/>		

2		$8y + 3y$
----------	--	-----------

3		6000
----------	--	------

4		7.8
----------	--	-----

5		
----------	--	--

6		0.3
----------	--	-----

Time: 5 seconds continued

7		0.09
----------	--	------

8		
----------	--	--

Time: 10 seconds

9		25p £2.50
----------	--	-----------

10	Quarter to six	
	minutes	

11		13 14 15
-----------	--	----------

12	Key: = 3 pupils		
	Apple		
	Banana		
		pupils	

13	°C	8°C
-----------	----	-----

14	%	
-----------	---	--

15		
	<input type="text"/>	

Time: 10 seconds continued

16

No	Yes
0%	100%
%	

16

17

cm	4cm
----	-----

17

18

°	
---	--

18

19

hours	18
-------	----

19

20

£	5%	£2
---	----	----

20

21

	$y = 3x - 7$
--	--------------

21

22

8cm	
cm	

22

23

	$3y(5 - y)$
--	-------------

23

Time: 15 seconds

24

_____ and _____

24

25

1cm : 2km	$7\frac{1}{2}$ cm
km	

25

26

65	83
----	----

26

27

$\frac{(3 + b)^2}{5}$

27

28

Number of children	Frequency
0	1
1	1
2	4
3	3
4	1

children

28

29

2 : 3 : 4
°, °, °

29

30

3cm		
3cm		
$\sqrt{6}$	$\sqrt{9}$	$\sqrt{12}$
$\sqrt{18}$	$\sqrt{27}$	

30