Key stage 3 mathematics 2009

Mental mathematics Test B

First name _____

Last name _____

School _____

Total marks ☐

Practice question

		39	

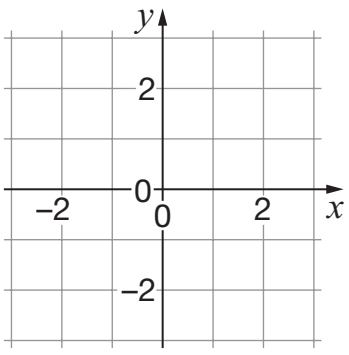
Time: 5 seconds

1	millimetres kilometres metres centimetres inches		1
2		$8y + 3y$	2
3		6000	3
4		7.8	4
5			5
6		0.3	6

Time: 5 seconds continued

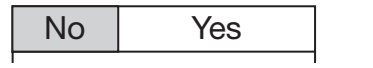
7		0.09	7
8			8

Time: 10 seconds

9		25p £2.50	9
10	Quarter to six minutes		10
11		13 14 15	11
12	Key: ○ = 3 pupils Apple ○○○○ Banana ○○○ pupils		12
13	°C	8°C	13
14	%		14
15			15

Time: 10 seconds continued

16



%

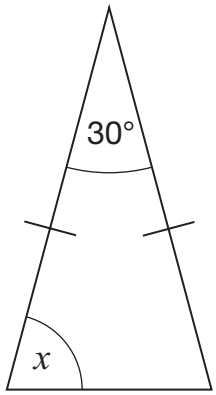
16

17

cm | 4 cm

17

18



_____ °

18

19

hours | 18

19

20

£ | 5% £2

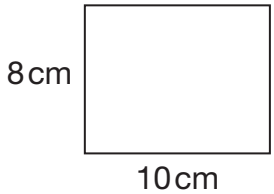
20

21

| $y = 3x - 7$

21

22



cm

22

23

| $3y(5 - y)$

23

Time: 15 seconds

24

_____ and _____

24

25

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

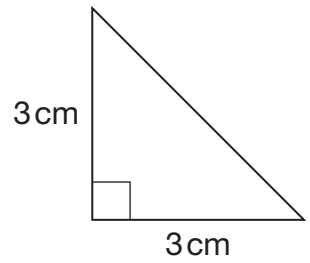
29

2 : 3 : 4

_____ °, _____ °, _____ °

29

30



$\sqrt{6}$ $\sqrt{9}$ $\sqrt{12}$

$\sqrt{18}$ $\sqrt{27}$

30