Key stage 3 mathematics 2006

Mental mathematics   Test A

First name _____

Last name _____

School _____

Total marks ☐

Practice question

	37	

Time: 5 seconds

1

		1

2	300	2

3	9	3

4	mm	4

5	−2	5

6		6

Time: 5 seconds continued

7		3.68	7

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

Time: 10 seconds

9

Right	◯ ◯ ◯ ◯
Wrong	◯ ◖

pupils   9

10	cm	10

11

13	
$\dfrac{1}{8}$ $\dfrac{1}{4}$ $\dfrac{1}{3}$ $\dfrac{1}{2}$ $\dfrac{3}{4}$	11

12

_____ °

	12

13	$2x - 8$	13

14

10cm : 2km 15cm	
km	14

15		15

16	£ 5% £300	16

Time: 10 seconds continued

17

2 cm by 8 cm by 4 cm

cm³

18

m   £4.50   £27

19

cm   8 cm

20

£   1 : 3   £150

21

$y(y-3)$
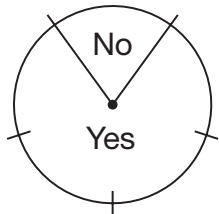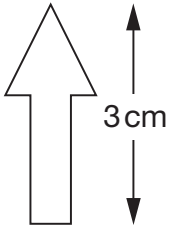
Time: 15 seconds

22

27 × 32 = 864

27 × 16 =

23

No

Yes

24

50

25

cm   3 cm
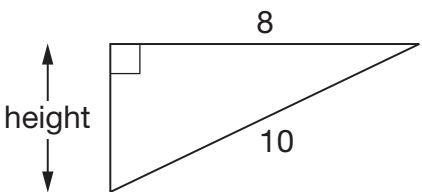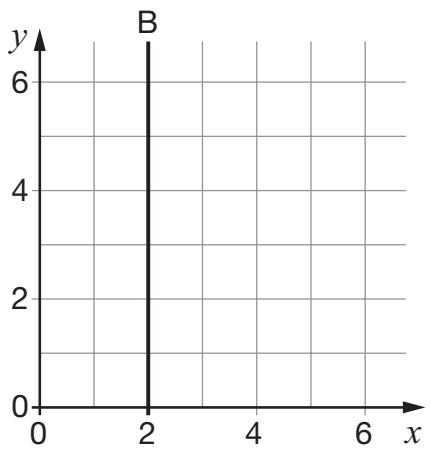
Time: 15 seconds continued

26

Number of milk bottles	Frequency
0	6
1	3
2	8
3	1
4	2

27

$\sqrt{40000}$

28

8

height   10

29

B

y

6

4

2

0

0   2   4   6 x

30

9×9