Key stage 3 mathematics 2009

Mental mathematics Test A

First name _____

Last name _____

School _____

Total marks

Practice question

		39	

Time: 5 seconds

1	m	600 cm	1
2		36	2
3			3
4		−9 5	4
5		0.576	5

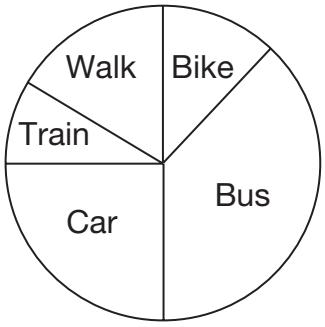
Time: 5 seconds continued

6		$8p^2 - p^2$	6
7	cm	58 cm	7

Time: 10 seconds

8		$x + 7 = 22$	8
9	pm	45 minutes	9

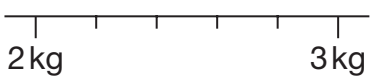
10



10

11	£	50%	11
12			12

13



13

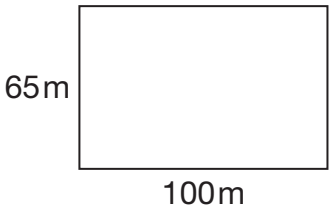
14	%	won 55% lost 30%	14

Time: 10 seconds continued

15 3 blue, 1 red, 4 black

15

16



m

16

17 10 20

17

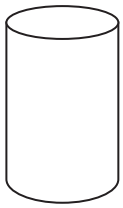
18 $4(m-3)$

18

19 90 12

19

20



20

21 people 12 20%

21

22 36 km per hour

km

22

23 $y = 4x^2$

23

Time: 10 seconds continued

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

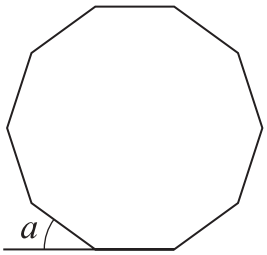
24

Time: 15 seconds

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

25

26



°

26

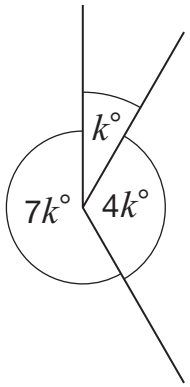
27 1 2 3

27

28 Mean = 10

28

29



29

30 ____, ____, ____ 45

30