

Key stage 3 mathematics 2008

Mental mathematics Test B

First name _____

Last name _____

School _____

Total marks

Practice question

	99	
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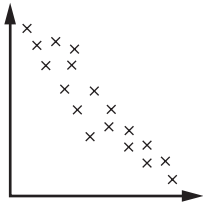
Time: 5 seconds

1		
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2	4.7, 4.8, 4.9, _____, _____	
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3	$4pq$	
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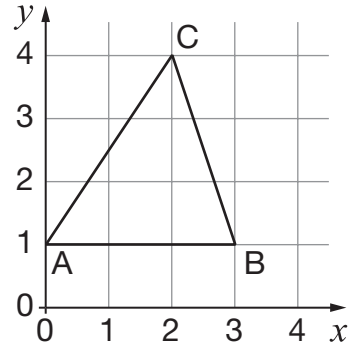
4	$\frac{7}{100}$	
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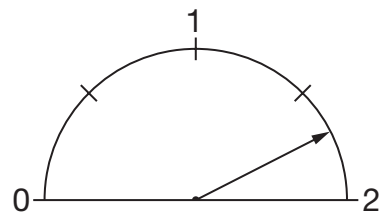
5		
	None Gradient High Positive Negative	<input type="text"/>

Time: 5 seconds continued

6	%	10 out of 25	
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Time: 10 seconds

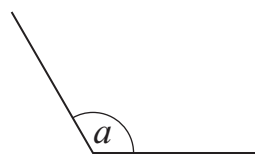
7		
	(,)	<input type="text"/>

8		
	<input type="text"/>	<input type="text"/>

9	£	£3.60	
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10	mm	10cm	
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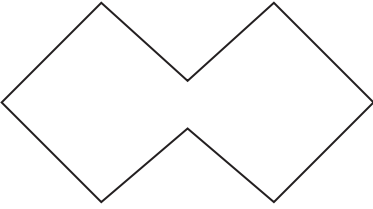
11		2.9	
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12		
	<input type="text"/>	<input type="text"/>

13	$\frac{1}{5}$	2	
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14		148	
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Time: 10 seconds continued

15 

15

16 17 red
13 green

16

17 36

17

18 $21 - 3x = 9$

18

19 2 cm Scale factor 2
 cm^2

19

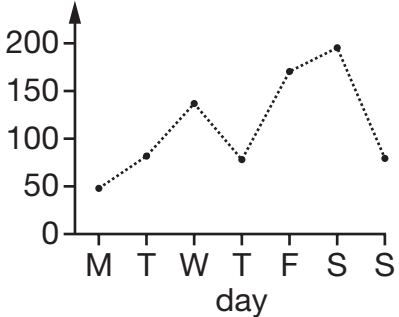
20 $(x + 2)(x - 1)$

20

21 10cm^2 90cm^3
cm

21

Time: 15 seconds

22 

days

22

Time: 15 seconds continued

23

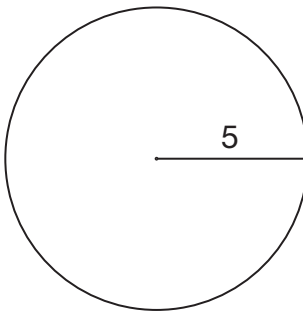
23

24 40p for 5 minutes
£

24

25 $\frac{3}{5}$ $\frac{4}{5}$ $\frac{5}{6}$ $\frac{6}{9}$ $\frac{7}{10}$

25

26 

5π 10π 15π
 25π 100π

26

27 £ 1 : 4 : 5

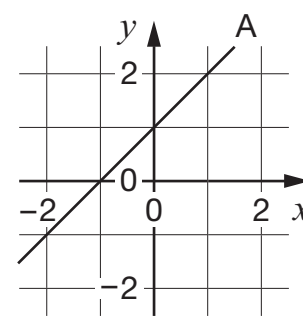
27

28 $\frac{39.92 \times 41.06}{1.98}$

28

29 -20 80 40

29

30 

30