



Mathematics

Foundation: No calculator allowed

Time allowed: 45 minutes

First name				
Middle name				
Last name				
Date of birth	Day	Month	Year	
Teacher				

В

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What fraction of the shape is shaded?
what hatcion of the shape is shaded.

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		I
		I
		I
		I

3



Draw an arrow to show the position of 25 on the number line.



1 mark

Here is another number line.









1 mark

Find the input for each function machine.



1 mark

1 mark

Complete the table.

The first one has been done for you.

Words	Algebraic expression
w divided by 3	$\frac{w}{3}$
7 multiplied by c	
2 less than y	
y less than 2	

3 marks

7

6

Here are some digit cards.



Use all the cards to make an **even** number between 7000 and 8000





Write two calculations represented by the bar model.



2 marks

Complete the bar model to represent the calculation.

7 × 5 = 35

35					



Amir Whitney

Explain how you know.

11

Each diagram shows a pattern using dots.



Complete the table to show the number of dots in each pattern in this sequence.

Pattern	1	2	3	4	5
Number of dots	1	5			



Explain why Dexter is wrong

12

Write <, > or = to complete the statements.



3 marks



15

Eva has represented 34.25 on a place value chart.

Tens	Ones	Tenths	Hundredths
		0.1 0.1	0.01 0.01 0.01 0.01 0.01

What is five-tenths more than Eva's number?



4x + 3x + x = 24



2 marks

END OF TEST

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