





## Mathematics

**Core:** Calculator allowed Time allowed: 45 minutes

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

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2 marks

What is 12.51 rounded to 1 significant figure?

Circle your answer.

## 10 13 1 12.5









How many black counters would there be in the 6<sup>th</sup> term of the sequence?



1 mark

How many white counters would there be in the 25<sup>th</sup> term of the sequence?



1 mark



Find the missing output.



Find the missing input.





Use <, > or = to make the statements correct.









Jack makes another number on the place value grid.







Work out the value of Liam's original number.

1 mark



7

Page 8 of 16



## 10

Here are some digit cards.



Choose two of these cards to make a fraction that is equivalent to  $\frac{1}{3}$ 







12

Write T or F next to each statement to show whether they are true or false.

$$x + 2x \equiv 3x$$

$$a + a + a \equiv a^{3}$$

$$3x + 3y \equiv 6xy$$

$$x^{2} + x^{2} \equiv 2x^{2}$$

2 marks









What **fraction** of this shape is grey?



1 mark

Teddy adds more triangles to the shape to make a new shape.

80% of the new shape is grey.

What triangles could Teddy have added?



x	0	1	2	3
y = 2x + 3		5		

2 marks

Put a tick next to the graph that illustrates y = 2x + 3



1 mark

White R®se Maths



Look at these equations.



Use both equations to work out the value of *y*.





**END OF TEST** 



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