### Spring Assessment



# Mathematics

## Foundation: No calculator allowed

Time allowed: 45 minutes

First name					
Middle name					
Last name					
Date of birth	Day	Month		Year	
Teacher		 <u>.</u>	<u>.</u>		

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How many pens are now in the box?



2 marks

2 A book costs £5.99

How much do five books cost?







Here is a diagram of a cuboid.



Write down

the number of faces

the number of edges

the number of vertices



1 mark

1 mark



1 mark



1 mark



3

Page 3 of 12



4

#### A laptop costs £1050

The cost of the laptop is reduced by 30%

How much does the laptop cost now?

£

3 marks



#### Translate shape Q 3 squares to the right and 2 squares down.







Explain why the angle marked y is 80°.

1 mark

Explain why the angles marked y and z are equal.

1 mark



$$4m - 5 = 35$$

$$\frac{d}{2}$$
 + 1 = 4

*d* =





On the grid, rotate triangle A 90° anti-clockwise about the origin.

Label your new triangle B.















2 marks

#### 14

13

Mario invests £2000 for 3 years at 5% per annum simple interest.

Calculate the value of the investment at the end of 3 years.





Use a ruler and a pair of compasses to a	construct an equilateral			
triangle with sides of length 6 cm.				

You must show all your construction lines.

2 marks

#### **END OF TEST**





15