Spring Assessment



# Mathematics

## Foundation: No calculator allowed

Time allowed: 45 minutes

First name					
Middle name					
Last name					
Date of birth	Day	Month		Year	
Teacher		~	-	^	

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Join your points with a ruler.





1 mark

2 marks



1 mark

### The diagram shows that 100% is equal to £40



1 mark



Jack makes some more expressions using cubes and counters.

Write down the expressions he has made.



1 mark

1 mark







1 mark



12x + 16

1 mark

7



1 mark





1 mark

### Work out $\frac{4}{7} \div \frac{2}{3}$

Give your answer in its simplest form.

2 marks

10

The probability that Dora wins a game of chess is 0.7

Work out the probability that Dora does not win a game of chess.

1 mark

The table shows the number of coloured beads Annie has.

Colour	red	blue	yellow	green
Number of beads	51	49	25	25

Annie wants to make a necklace using 60 blue and green beads. She wants 50% of the beads to be blue and the rest to be green.

Can Annie make the necklace?

Circle your answer.

### Yes No

Explain your reasoning.

2 marks

12

13





A phone shop is increasing all of its prices by 15%.

What is the new price of a phone that cost £120?



3 marks

Here is a rectangle.



It is enlarged by scale factor 2



What is the perimeter of the enlarged rectangle?

cm

2 marks



1 mark

### **END OF TEST**