Autumn 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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1







Jack changes 30 dollars to pounds (£).

How many pounds (£) does he get?





What is the length of the mouse with a mass of 18 g?



What type of correlation does the scatter graph show?







You may use the diagram to help you with these questions.

Work out $4 \times \frac{1}{5}$

Work out 7 × $\frac{1}{5}$

1 mark

Write your answer as a mixed number.



2 marks



$$\times \frac{1}{5} = 2$$

The table shows the number of red, blue and yellow counters in a bag.

Colour	Number of counters		
red	20		
blue	15		
yellow	5		

A counter is removed from the bag.

Which colour counter is most likely to be removed?

1 mark

What is the probability of removing a blue counter?

Give your answer as a fraction in its simplest form.



Annie chooses a hat and a scarf.

Complete the table to show all the possible different combinations of hat and scarf.

The first two have been done for you.

Hat	Scarf
A	1
A	2

$$\frac{1}{4} \times \frac{1}{3} =$$

$$\frac{2}{5} \times \frac{3}{7} =$$

Г

1 mark





Complete the table for the graph of y = x + 2 for values of x from -2 to 3

x	-2	-1	0	1	2	3
У	0	1		3		5

1 mark

On the grid, draw the graph of y = x + 2



12

Here is a list of ingredients for making 12 cupcakes.

110 g butter 110 g sugar 2 eggs ¹/₂ teaspoon vanilla extract 130 g flour

Mo is going to make 36 cupcakes.

How much flour will he need?



2 marks

Kim is going to make 18 cupcakes.

How much butter will she need?



(3, 5) and (5, 9) are the coordinates of two vertices of a right-angled triangle.

What could the coordinates of the other vertex be?

You may use the grid to help you.





1 mark

END OF TEST

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