Summer 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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Liam pays for the bike in 6 equal monthly payments.

How much does he pay each month?



£

1 mark



Enlarge the shape by scale factor 2













Trudy is drawing a net of this cuboid. Here is her attempt.







6

Explain how you know the net is not complete.

1 mark

1 mark

Complete the net of the cuboid.

What is the volume of the cuboid?

cm³





Work out the speed of the plane.





On Tuesday Esther works from 8 a.m. to 2 p.m.

Esther earns £11.50 per hour.

How much does she earn on Tuesday?

£



x	-3	-2	-1	0	1	2	3
у	-1		3		7	9	11

1 mark







Diagrams not drawn accurately





2 marks

Write down the size of angle PQR.

0











Describe the translation that will map shape P to shape Q.





A shop sells flour in three different sized packets.



Which packet of flour is best value for money?

Show working to justify your answer.





Work out the length of the side labelled x.



2 marks

17

16

A coin is thrown and a dice is rolled.

Which of the calculations gives the probability that the coin lands on tails and the dice lands on 3?

$$\frac{1}{2} \times \frac{1}{6} \qquad \qquad \frac{1}{2} + \frac{1}{6} \qquad \qquad \frac{1}{2} - \frac{1}{6} \qquad \qquad \frac{1}{2} \div \frac{1}{6}$$

Tick your answer.





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