1

Amelia has a bag containing 12 sweets.

She gives half of the sweets to her friend Liam.

Liam then gives a third of the sweets he received to his sister Olivia.

How many sweets does Olivia have?

A 2   **B** 3   **C** 4   **D** 6

1

2

A bakery has 616 cupcakes that need to be packaged into boxes.

If each box can hold 9 cupcakes, how many full boxes can be made and how many cupcakes will be left over?

A 68 full boxes, 0 cupcakes left over   **B** 67 full boxes, 9 cupcakes left over   **C** 68 full boxes, 4 cupcakes left over   **D** 69 full boxes, 3 cupcakes left over

1

3

Four friends went to a restaurant for dinner and decided to split the bill equally.

The total cost of the meal was £84.60.

How much did each person pay?

A £21.15   **B** £20.15   **C** £22.15   **D** £23.15

1

4

A bakery produces 234 loaves of bread per day. They operate for 49 days.

How many loaves are produced every week?

A 1 738   **B** 1 538   **C** 1 638   **D** 1 628

1

5

A local bakery sells a box of 20 identical cupcakes for £15.

What is the cost of each individual cupcake?

A £0.75   **B** £1.50   **C** £0.50   **D** £1.00

1

6 A rectangular garden has a perimeter of 30 metres.

The width of the garden is 4 metres less than its length.

Calculate the area of this garden in square metres.

A 48 m^2 B 52 m^2 C 52.25 m^2 D 52.05 m^2

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7 Liam is baking cookies for a school fundraiser. He needs to make a total of 120 cookies.

If he can bake 15 cookies in each batch, how many batches will he need to make to reach his goal?

A 6 batches   B 7 batches   C 8 batches   D 9 batches

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8 James needs to catch a train that departs at 14:25.

He has to walk his dog for 20 minutes and then drive 18 minutes to the station.

What is the latest time James can start walking his dog and still catch his train on time?

A 13:47   B 13:35   C 14:05   D 13:52

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9 Over the course of a week, three different football matches were played at Wembley Stadium.

The number of spectators at each match were: 85,792, 87,451 and 86,238.

Calculate the difference between the match with the highest attendance and the match with the second highest attendance.

A 1 213   B 1 223   C 1 203   D 1 113

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1

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10 A regular pentagon is a five-sided polygon with equal side lengths and equal angles.

How many degrees are in each interior angle of a regular pentagon?

A 108°   B 120°   C 144°   D 72°

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1