1 How many edges does this pyramid have in total?

A 8   B 9   C 5   D 7   1

2 John is a carpenter who charges £12.50 per hour for his services.

Last week, he worked for a total of 36 hours.

How much money did John earn last week?

A £450   B £438   C £462   D £475   1

3 Sarah is saving up to buy a new bicycle that costs £249.99.

She has already saved £135.50 from her birthday money and £78.25 from doing odd jobs around the house.

How much more money does Sarah need to save to be able to buy the bicycle?

A £36.24   B £35.24   C £37.24   D £38.24   1

4 Amir has saved £32.50 in his piggy bank.

For his birthday, he receives £25 from his grandparents and £15.75 from his aunt.

How much money does Amir have in total now?

A £73.25   B £63.25   C £72.25   D £83.25   1

5 A model train set includes a scale model of the Flying Scotsman, which is 25 cm long.

In real life, the actual Flying Scotsman locomotive is 21.03 metres long.

How many times longer is the real Flying Scotsman compared to the model?

A 8.412   B 84.12   C 0.8 412   D 841.2   1

6 Samantha is planning a party for her friends.

She wants to hold the party on the Saturday that is closest to the 23rd of June.

Which of the following dates is most likely to be the date of Samantha's party?

A 17th June B 1st July C 10th June D 8th July

1

7 In a school library, the average number of books checked out by each student in a week is 6. If the total number of books checked out by all the students that week is 180, how many students checked out books from the library?

A 30 B 36 C 12 D 24

1

8 Amelia is designing a stop sign in the shape of a regular octagon.

She knows that the sum of the internal angles of an octagon is 1 080°.

What is the measure of each internal angle in Amelia's stop sign?

A 135° B 120° C 144° D 150°

1

9 Amelia's birthday was on 12th March.

She received her birthday present from her grandparents on 19th March.

How many days after her birthday did Amelia receive the present?

A 7 days B 8 days C 6 days D 5 days

1

10 A pizza is divided into four unequal slices for four friends.

The smallest slice has an angle of x degrees, while the second smallest slice is twice the size of the smallest, with an angle of $2x$ degrees.

The second largest slice is three times the size of the smallest, with an angle of $3x$ degrees, and the largest slice is four times the size of the smallest.

Calculate the value of x.

A 36° B 45° C 46° D 60°

1