

1 A prestigious bakery is making a giant cake for a celebrity wedding celebration.

The height of the model cake they created is 0.25 m.

The actual height of the wedding cake will be 2.5 m.

How many times taller than the model cake will the real wedding cake be?

- A 10 B 100 C 1 000 D 25

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2 In a triangle, two of the interior angles add up to 180° .

Which of the following statements is true?

- A The triangle is invalid. B The triangle is isosceles. C The triangle is right-angled. D The triangle is obtuse.

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3 Samantha has a 5-litre jug of orange juice.

She pours 1.5 litres into a pitcher for a party.

Later, she uses 750 ml to make a fruit smoothie.

How much orange juice, in millilitres, is left in the original jug?

- A 2 750 ml B 3 250 ml C 1 750 ml D 2 250 ml

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4 A train ticket from London to Edinburgh costs £157.80.

Sarah has saved up £92.45 so far.

What additional amount does Sarah need to save in order to afford the train ticket?

- A £65.35 B £64.55 C £66.15 D £65.15

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5 Liam visits three different supermarkets to compare the prices of a 2-litre bottle of milk.

The prices at the supermarkets are £1.20, £1.15, and £1.25.

What is the average price of a 2-litre bottle of milk across the three supermarkets?

- A £1.20 B £1.15 C £1.25 D £1.30

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6

A miniature model of the Eiffel Tower is built by Sarah for her school project.

The height of the model is 0.15 metres, while the actual Eiffel Tower stands at a height of 300 metres.

How many times taller is the real Eiffel Tower compared to Sarah's model?

A 20**B** 200**C** 2 000**D** 20 000

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7

Amelia is trying to beat her personal best time in a 100-metre sprint.

Her current personal best is 12.47 seconds.

In her latest race, she ran the 100 metres in 12.29 seconds.

By how many seconds did she beat her previous personal best?

A 0.18**B** 0.28**C** 0.22**D** 0.12

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8

Four friends are saving up money to buy a new video game.

Emma has saved £18, Oliver has saved £25, Sophia has saved £12, and Liam has saved £35.

What is the average amount of money saved by the four friends?

A £90**B** £45**C** £22.50**D** £30

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9

In a pentagon, four of the angles measure 105° , 92° , 87° and 118° .

Calculate the size of the fifth angle in the pentagon.

A 138° **B** 58° **C** 78° **D** 98°

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10

A train is scheduled to depart from London at 14:25 and arrive in Manchester at 16:48.

Using the 12-hour clock format, what time does the train arrive in Manchester?

A 2:48 pm**B** 4:48 pm**C** 2:48 am**D** 4:48 am

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