

- 1** Liam is planning a birthday party and needs to buy some balloons.
- The cost of the balloons in pounds is given by the expression $0.75b + 12.50$, where b is the number of balloons purchased.
- If Liam buys 48 balloons, how much will he spend in total?
- A £48.00 B £13.25 C £48.50 D £60.50

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- 2** James is buying 8 pens at 25p each.
- He pays with a £10 note.
- How much change will he receive?
- A £8.00 B £2.00 C £7.75 D £9.00

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- 3** Sarah is learning to do spins in her ballet class.
- She starts facing north and does three 180° turns anticlockwise, followed by one 90° turn clockwise.
- In which direction is Sarah now facing?
- A north B east C south D west

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- 4** A train departs from London at 18:45 and arrives in Edinburgh at 00:10 the following day.
- How long is the train journey?

A 5 hours and 25 minutes B 6 hours and 25 minutes C 5 hours and 35 minutes D 6 hours and 35 minutes

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- 5** Amir buys the following amounts of petrol for his car over the course of a week:
£45.20, £38.75, £41.60, £43.90 and £40.55.
- Calculate the mean amount Amir spends on petrol each time he fills up.

A £41.50 B £42.00 C £43.25 D £44.10

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6

A baker has a large bag of flour that weighs a whole number of kilograms.

When she empties the bag into 6 equal-sized containers, she has 2 kg of flour left over.

Which of these could not be the weight of the bag of flour?

A 14 kg**B** 20 kg**C** 26 kg**D** 30 kg

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7

In a school library, there are 23,456 fiction books and 18,789 non-fiction books.

How many books are there in total in the school library?

A 42,245**B** 41,245**C** 32,235**D** 43,245

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8

In a triangle ABC, angle A measures 40° and angle B measures 55° .

Calculate the size of angle C.

A 85° **B** 75° **C** 95° **D** 65°

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9

A local bakery sells 8 identical boxes of cupcakes for £24.

If each box contains 6 cupcakes, how much does each individual cupcake cost?

A 50p**B** £1**C** £3**D** 25p

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10

Amir is designing a kite for a competition.

The kite has four sides and he knows that one of the angles is acute, while another is obtuse.

Amir also knows that all the angles of the kite are whole numbers.

What is the smallest possible sum of the remaining two angles?

A 88° **B** 92° **C** 90° **D** 72°

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