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Sarah is baking a cake for her friend's birthday party.

The recipe requires 400 grams of flour, 250 grams of sugar, and 150 grams of butter.

After mixing the ingredients, Sarah realises she accidentally added an extra 50 grams of sugar.

What is the total weight of the cake batter in kilograms?

- A 0.85 kg                      B 0.80 kg                      C 0.90 kg                      D 0.95 kg

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2

A bakery produces 50 trays of cupcakes each day.

Each tray holds 12 cupcakes, which are sold for £1.50 each.

What is the total revenue the bakery can generate from selling all the cupcakes produced in a day?

- A £900                      B £90                      C £9 000                      D £90 000

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3

A train journey from London to Edinburgh takes 4 hours and 30 minutes. How many minutes does the journey take in total?

- A 270                      B 430                      C 450                      D 240

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4

In a school library, there are 7,583 books in total. 4,927 of these books are fiction, and the rest are split evenly between non-fiction and reference books.

How many reference books are there in the library?

- A 1,328                      B 2,656                      C 1,329                      D 2,655

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5

Rajesh has a 3.2 litre container of orange juice.

He pours three-quarters of it into glasses that hold 200 ml each.

How many glasses does he fill?

- A 12                      B 16                      C 10                      D 8

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**6**

Ethan is collecting data on the number of pages in different books he has read.

The number of pages in each book are: 152, 148, 160, 144, 156, 140.

What is the average number of pages per book?

**A** 150**B** 148**C** 152**D** 154

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**7**

In a school library, there are books on various subjects. The number of books for each subject is as follows: History - 12, Science - 15, Maths - 9, English - 18, Geography - 11.

The librarian adds some new books on a different subject, and now the mean number of books per subject is 14.

How many new books did the librarian add?

**A** 19**B** 17**C** 15**D** 16

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**8**

Amelia is making a large batch of lemonade for a party.

She mixes 1.2 litres of lemon juice with 6 litres of water.

If she pours the lemonade equally into 24 glasses, how much lemonade will be in each glass?

**A** 300 ml**B** 400 ml**C** 200 ml**D** 250 ml

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**9**

A bakery has 12 trays of 18 cupcakes ready to be sold.

What is the total number of cupcakes the bakery has prepared?

**A** 216**B** 180**C** 192**D** 204

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**10**

A recipe for making 12 cupcakes requires 180g of flour.

If you wanted to make 1 000 cupcakes, how much flour would you need?

**A** 15kg**B** 1.5kg**C** 150kg**D** 1500kg

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