

1

Amelia has a collection of 7 mystery novels and 4 science fiction novels.

If she lets her friend borrow 3 of the mystery novels, how many novels will Amelia have in total?

A 8

B 11

C 14

D 4

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2

Four friends go shopping and spend the following amounts of money:

£12.50, £8.75, £15.20, £10.80

What is the mean amount spent by the friends?

A £11.81

B £47.25

C £9.45

D £13.65

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3

Olivia is planning to tile her bathroom floor, which measures 3 m long and 2 m wide.

Each box of tiles covers an area of 1.5 m^2 .

How many boxes of tiles will Olivia need to purchase to complete the job?

A two

B three

C four

D five

1

4

A local bakery sells cupcakes for £1.25 each.

If Emma wants to buy cupcakes for her 32 classmates, how much will it cost her in total?

A £40

B £38.75

C £41.25

D £36.50

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5

James is playing a basketball game where he gets 5 points for each basket he scores.

In the game, he scores a total of 24 baskets.

How many points does James score in total?

A 120

B 100

C 24

D 1200

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6

A local bakery sells 7,854 loaves of bread per week.

If they increase their production by 15%, how many loaves will they sell per week?

A 9 032.1**B** 90.321**C** 903.21**D** 9.321

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7

Tom is comparing the heights of a skyscraper, a tree, a lamppost and Big Ben.

He says: "The skyscraper is 10 times taller than the tree. The tree is 5 times taller than the lamppost. The lamppost is 25 times shorter than Big Ben."

If the height of the skyscraper is 200 metres, what is the height of Big Ben in metres?

A 1 000**B** 10**C** 100**D** 10 000

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8

An empty water tank has a capacity of 500 litres. Water is added to the tank by the bucketful, with each bucket holding at least 20 litres.

If it takes 29 buckets to fill the tank, how many litres have been wasted?

A 80 litres**B** 60 litres**C** 20 litres**D** 50 litres

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9

A recipe for 12 cupcakes requires 180g of flour.

How many grams of flour would be needed to make a single cupcake using this recipe?

A 1.5g**B** 15g**C** 150g**D** 0.15g

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10

A water tap fills a bucket at a rate of 1.2 litres per minute.

How many litres of water will the tap pour into the bucket in half an hour?

A 36 litres**B** 18 litres**C** 72 litres**D** 24 litres

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