

Shuttle: Percentages

You are **pair A**. Pair A has questions 1 and 3, pair B has questions 2 and 4. Question 1 stands alone. Every question after it has a pink box: write in the number the other pair passes you, then solve. No talking between pairs. Only the number gets passed. Finish the round and check question 4 with the teacher.

Round 1

Q1

Find 35% of 160.

Answer _____

Pass your answer to pair B

Q2

Pair B has this question.

Q3

Write out of 200 as a percentage.

Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

Q4

Pair B has this question.

Round 2

Q1

A bike costs £240.
In a sale it is 15% off.
Find the sale price, in pounds.

Answer _____

Pass your answer to pair B

Q2

Pair B has this question.

Q3

Decrease 300 by %.

Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

Q4

Pair B has this question.

Round 3

Q1

Find 2.5% of 480.

Answer _____

Pass your answer to pair B

Q2

Pair B has this question.

Q3

A café served meals in a week.
75% of them were hot.
How many meals were not hot?

Write pair B's answer to question 2 in the pink box.

Answer _____

Pass your answer to pair B

Q4

Pair B has this question.

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You are **pair B**. Pair A has questions 1 and 3, pair B has questions 2 and 4. Question 1 stands alone. Every question after it has a pink box: write in the number the other pair passes you, then solve. No talking between pairs. Only the number gets passed. Finish the round and check question 4 with the teacher.

Round 1

Q1

Pair A has this question.

Q2

A jacket costs £ .

Its price goes up by 25%.

Find the new price, in pounds.

Write pair A's answer to question 1 in the pink box.

Answer _____

Pass your answer to pair A

Q3

Pair A has this question.

Q4

A water tank holds 300 litres.

It is % full.

How many litres are in the tank?

Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher

Round 2

Q1

Pair A has this question.

Q2

A school has students.

25% of them walk to school.

How many students walk to school?

Write pair A's answer to question 1 in the pink box.

Answer _____

Pass your answer to pair A

Q3

Pair A has this question.

Q4

A concert hall has 350 seats.

of the seats are empty.

What percentage of the seats are empty?

Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher

Round 3

Q1

Pair A has this question.

Q2

A club sold 400 tickets on Friday.

On Saturday it sold % more than on Friday.

How many tickets did it sell on Saturday?

Write pair A's answer to question 1 in the pink box.

Answer _____

Pass your answer to pair A

Q3

Pair A has this question.

Q4

After a 40% increase, a train fare is

£ .

What was the fare before the increase, in pounds?

Write pair A's answer to question 3 in the pink box.

Answer _____

Hand your answer to the teacher