

Answer

Team A

Question

In a secondary school the ratio of boys to girls is

10 : 11

There are 800 boys in the school.

How many girls are there in the school?

Answer

880

Question

Amy invests some money in an ISA and a savings account in the ratio 3 : 7

She invests £360 in the ISA, how much does she invest in the savings account?

Answer

840

Question

Andy and Trevor share some sweets in the ratio 11 : 9.

If Andy gets 33, how many sweets did they have to begin with?

Answer

60

Question

The sizes of the angles in a 4 sided shape are in the ratio:

3 : 4 : 6 : 7

Calculate the size of the largest angle.

Answer

126

Question

Amy invests some money in an ISA and a savings account in the ratio 3 : 7

She invests £210 in the ISA, how much does she invest all together?

Answer

560

Question

Andy and Trevor share 40 sweets in the ratio 11 : 9.

How many more sweets does Andy receive than Trevor?

Answer

4

Question

On Friday the ratio of the time Priya is sleeping to the time she is awake is 3 : 5.

For how long is she asleep?

Answer

9

Question

Alex and Ben share £440 in the ratio 1:3

How much more does Ben receive?

Answer

220

Question

Two tennis players have a ratio of good serves to bad serves.

Sam has a ratio of 2 : 7

Ben has a ratio of 5 : 17

On average who would be more likely to make a good serve?

Answer

Ben

Question

In a netball match the ratio of goal opportunities to goals scored is shown below.

Team A 5 : 2

Team B 9 : 3

Which team would be more likely to deliver a goal?

Answer

£4

Question

A recipe mixes butter and flour in the ratio

7 : 5

If we make 240g in total how much butter is used?

Answer

140g

Question

Cement is made by mixing water and gravel in the ratio 3 : 8.

If we make 121kg of cement how much gravel is needed?

Answer

88kg

Question

Cheryl and Ashley share £300 in the ratio 3 : 7.

How much does Ashley get?

Answer

£210

Question

Cheryl and Ashley share £300 in the ratio 3 : 7.

How much does Cheryl get?

Answer

£90

Question

A recipe mixes sugar and flour in the ratio

2 : 5

If we make 280g in total how much sugar is used?

Answer

80g

Question

Juice is made mixing water and squash in the ratio 1 : 8.

If we make 27 litres of juice, how much water is needed?

Answer

3 litres

Question

Ben and Ted paid 20p and 80p respectively for a lottery ticket.

They won the jackpot of £10,000 how much should Jenny get?

Answer

£8,000

Question

Juice is made mixing water and squash in the ratio 5 : 7.

If we make 36 litres of juice, how much water is needed?

Answer

15 litres

Question

Claire and Amy share £910 in the ratio 9 : 1.

How much does Amy get?

Answer

£91

Question

Rosy and Jim worked for 2 hours and 5 hours respectively. They were paid £14 between them.

How much should Rosy get?