Summer Week 6 - Maths Lesson 3

Can I solve measure word problems?

Fast Five (answers on next page)

1) 4793 - 2864 =

2) 6239 + 5249 =

3) 250 ÷ 10 =

4) 634 x 3 =
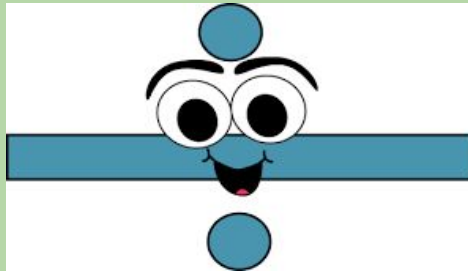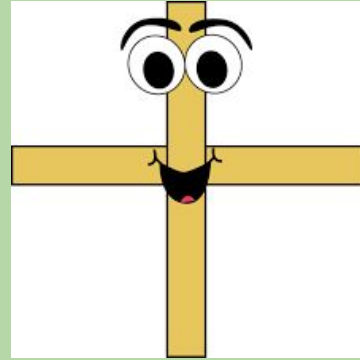
5) ¾ of 24 =

Fast Five Answers

1) 4793 - 2864 = 1929

2) 6239 + 5249 = 11488

3) 250 ÷ 10 = 25
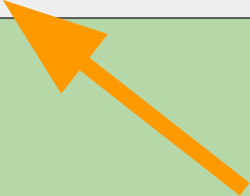
4) 634 x 3 = 1902

5) ¾ of 24 = 18

Today we are going to solve word problems on measure, using different operations.
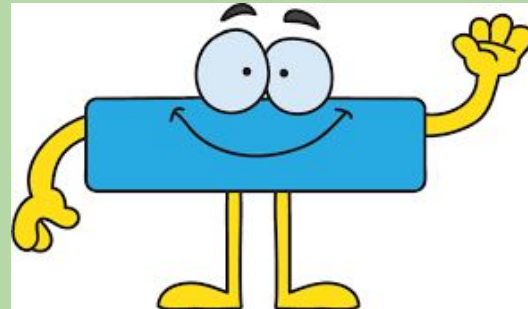
Ella's dad washes some cars. He uses 5 buckets of water.

Each bucket has 3 litres of water.

How many litres of water does he use altogether?

For this question, we need to find out the total amount of water in all 5 buckets. We know there is 3 litres of water in 1 bucket.

To work this out, we need to find 5 lots of 3.

This is the same as 3 + 3 + 3 + 3 + 3 or 5 x 3.

Ella's dad washes some cars. He uses 5 buckets of water.
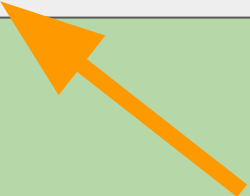
Each bucket has 3 litres of water.

How many litres of water does he use altogether?

5 x 3 = 15

We know that Ella's dad used 15 litres of water altogether.

Benjamin said 'On my third birthday I was 95cm tall. Now I'm 28cm taller.'
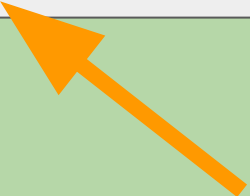
How tall is Benjamin now?

For this question, we need to find out how much taller Benjamin is now. We know that on his 3rd birthday he was 95cm tall and that now he is 28cm taller. .

To work this out, we need to find add the 2 amounts together.
95 + 28.

Benjamin said 'On my third birthday I was 95cm tall. Now I'm 28cm taller.'

How tall is Benjamin now?
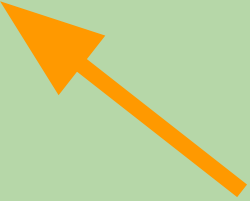
We know that Benjamin is now 123cm tall.

95 + 28 = 123
(You could use column addition to help you)

Josh does English and Maths homework each week. It takes him a total of 3 hours.

He spends 90 minutes doing English homework so how many minutes does he spend doing Maths homework?

For this question, we need to find out how much time Josh spends on his Maths homework. We know that on his how long he spends altogether in hours and how long he spends on English in minutes. First we need to change the hours to minutes.

To work this out, we need to find work out how many minutes in 3 hours. So we need to find 3 lots of 60 as there are 60 minutes in 1 hour.

3 x 60 =

Josh does English and Maths homework each week. It takes him a total of 3 hours.

He spends 90 minutes doing English homework so how many minutes does he spend doing Maths homework?
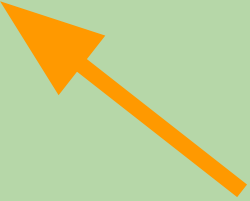
For this question, we need to find out how much time Josh spends on his Maths homework. We know that on his how long he spends altogether in hours and how long he spends on English in minutes. First we need to change the hours to minutes.

3 x 60 = 180

Now we know that Josh spent 180 minutes on homework altogether. Next we need to find out how much time he spent on Maths ...

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He spends 90 minutes doing English homework so how many minutes does he spend doing Maths homework?
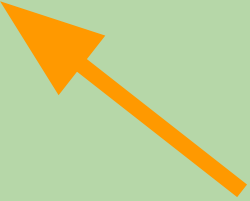
For this question, we need to find out how much time Josh spends on his Maths homework. We know that on his how long he spends altogether in hours and how long he spends on English in minutes. First we need to change the hours to minutes.

To find out how much time he spent on Maths, we need to subtract how much time he spent on English from how much time he spent altogether. 180 - 90 =

Josh does English and Maths homework each week. It takes him a total of 3 hours.

He spends 90 minutes doing English homework so how many minutes does he spend doing Maths homework?
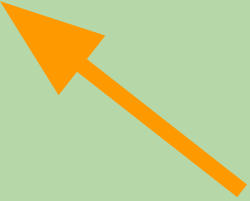
For this question, we need to find out how much time Josh spends on his Maths homework. We know that on his how long he spends altogether in hours and how long he spends on English in minutes. First we need to change the hours to minutes.

180 - 90 = 90

I know that Josh spent 90 minutes on his Maths homework.

Have a go at this question on your own, and then check your answer on the next page.

One length of the swimming pool is 30m. Tyler swims 6 lengths of the pool. How many metres altogether has he travelled?

Answer:

One length of the swimming pool is 30m. Tyler swims 6 lengths of the pool. How many metres altogether has he travelled?

30 + 30 + 30 + 30 + 30 + 30 = 180

OR

30 x 6 = 180

Tyler swam 180m

Your activities:

Choose 1 challenge to do today.

Red - 1 step word problems on measure

Yellow - 1 and some 2 step word problems on measure

Green - 2 step word problems on measure