LBQ Support Pack

Welcome to your maths help pack for the week. In this pack you will find a page or two that will help you with the days task on LBQ.

If you are still unsure of something from your LBQ task, just email Mr Spencer!

15.06.20

Multiplying Numbers Mentally.

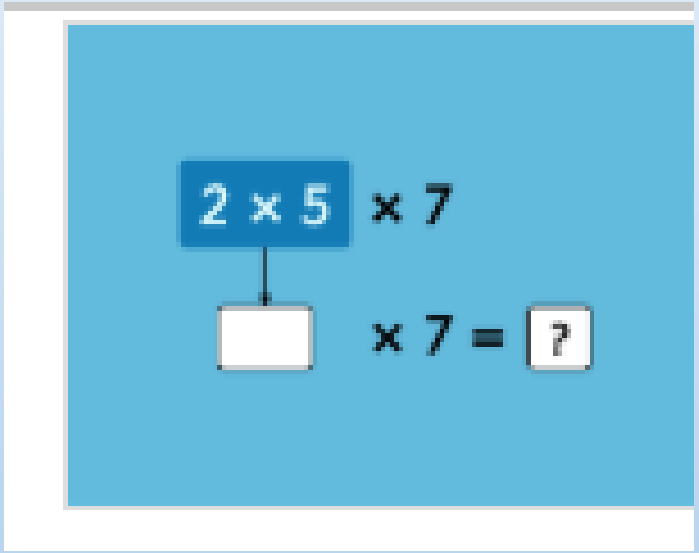
Today you are going to be practicing multiplying numbers mentally.

This means you will need to use your amazing knowledge of times tables to help you!
Some of the problems you will have will be two step problems like this one.

2 x 5 x 7

To complete this question you will need to find out what 2 x 5 is and then multiply this by 7.

2 x 5 = 10. 10 x 7 = 70. Therefore 2 x 5 x 7 = 70.

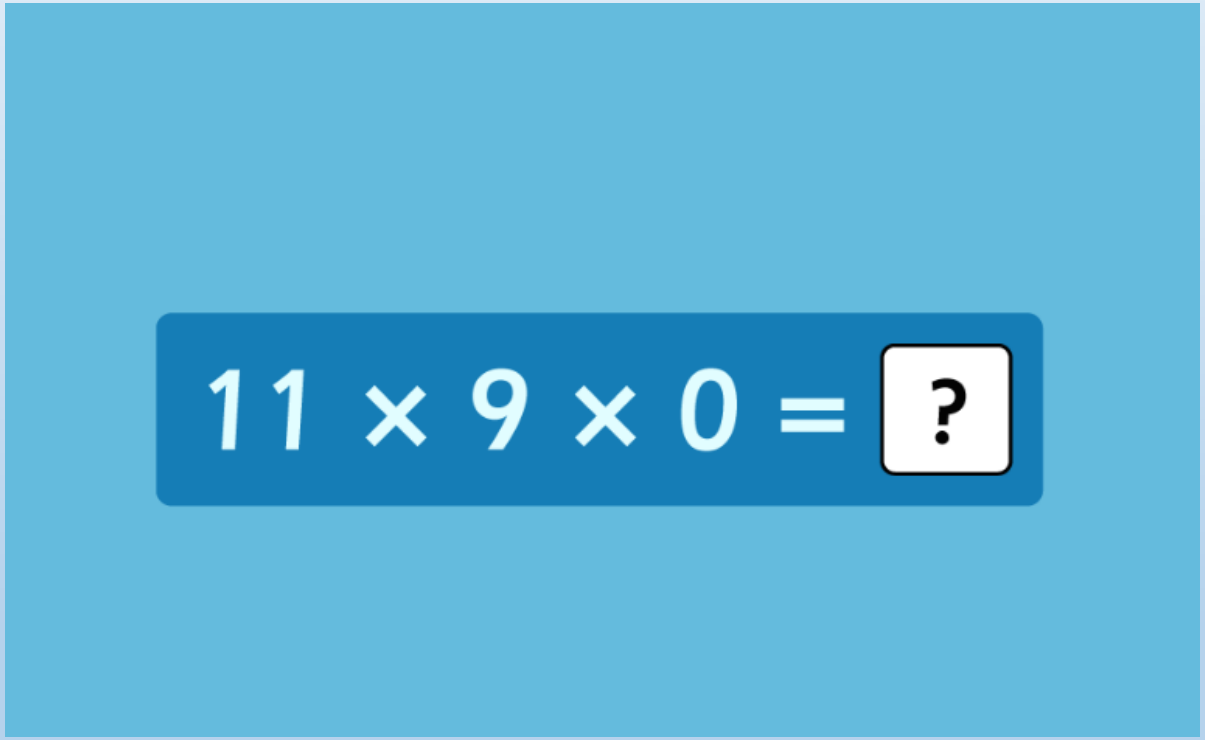


15.06.20

Multiplying Numbers Mentally.

Let's practice!

Have a go at the example to get you started!



16.06.20

Multiplying whole numbers by 10

Today you are going to be multiplying whole numbers by 10.

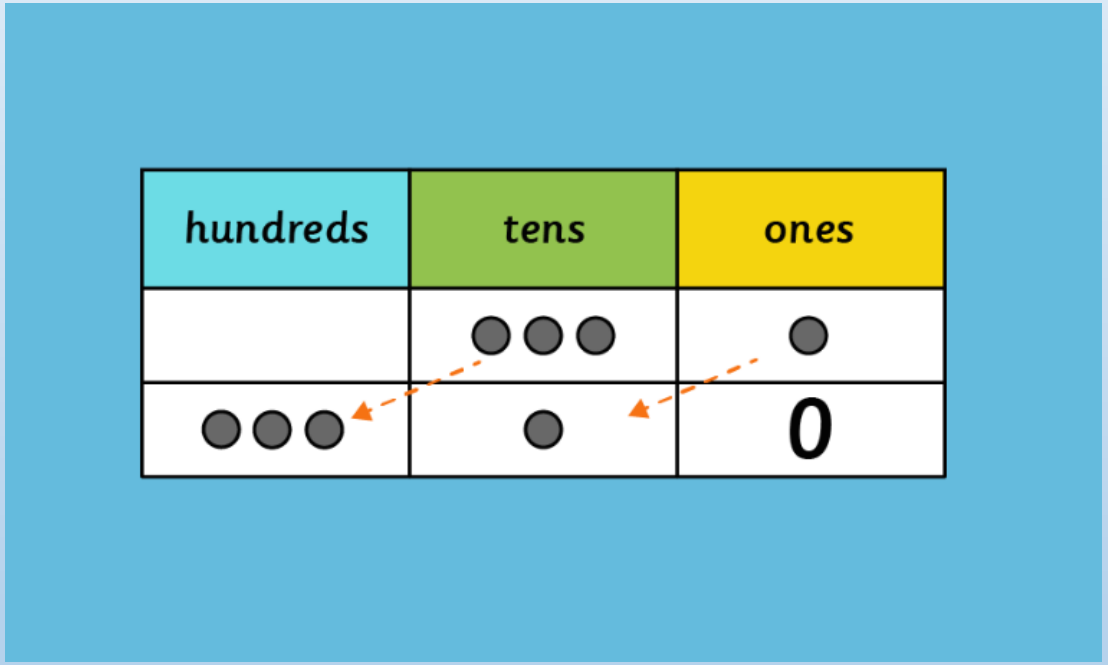
This means your knowledge of place value will be extremely important.

Look at this example.

31 x 10 =

In the number 31 you have three lots of ten and one lot of ones.

When multiplying by 10, the three lots of ten will become three lots of hundreds and the one lot of ones will become one lot of ten. 31 x 10 = 310.



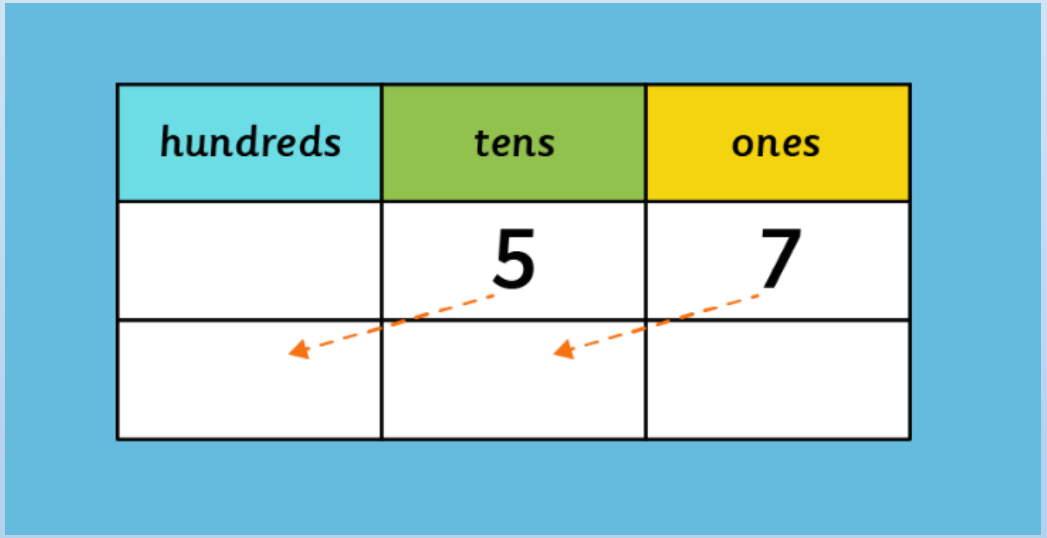
16.06.20

Multiplying whole numbers by 10

Let's practice!

Have a go at the example below to get you started!

57 x 10 =



17.06.20

Multiplying whole numbers by 100

Today you are going to be multiplying whole numbers by 100.

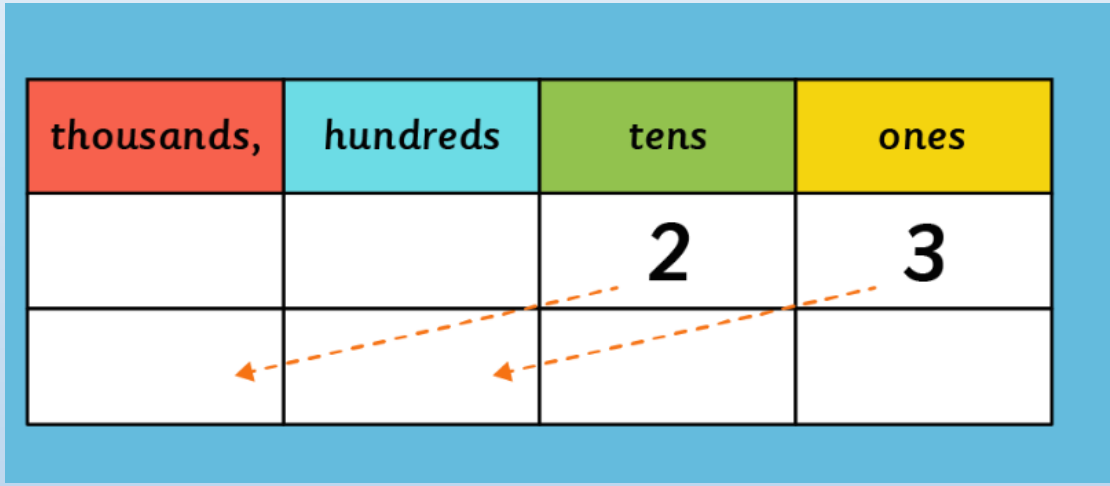
Like yesterday your knowledge of place value will be vitally important!

Lets have a go at the example.

23 x 100 =

In the number 23 we have two lots of tens and three lots of ones.

When you multiply by 100, the two lots of tens become two lots of thousands and the three lots of ones become three lots of hundreds. 23 x 100 = 2300



17.06.20

Multiplying whole numbers by 100

Lets practice!

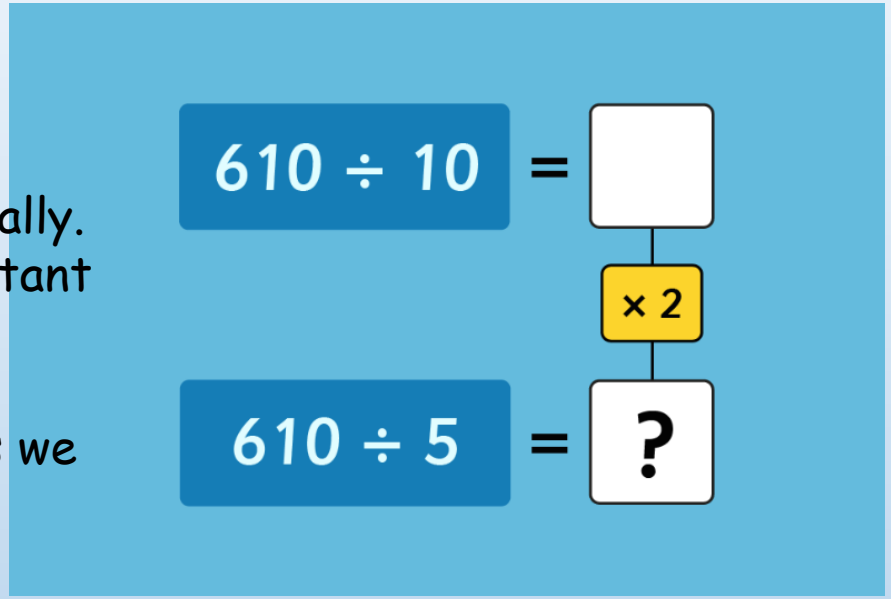
Look at the example below to get you started and use the place value grid to help.

100 x 35 =

thousands,	hundreds	tens	ones

18.06.20

Multiply and divide numbers mentally



Today you are going to be multiplying AND dividing numbers mentally. This means that your knowledge of times tables will be very important once more!

We are not going to go through multiplying mentally again today as we have already practiced this.

Look at the example of division to help you.

610 divided by 5 =

To do this, we must first divide by 10

610 divided by 10 = 61. Once we have done this, we need to double this amount to find out what 610 divided by 5 is.

61 x 2 = 122. Therefore 610 divided by 5 = 122

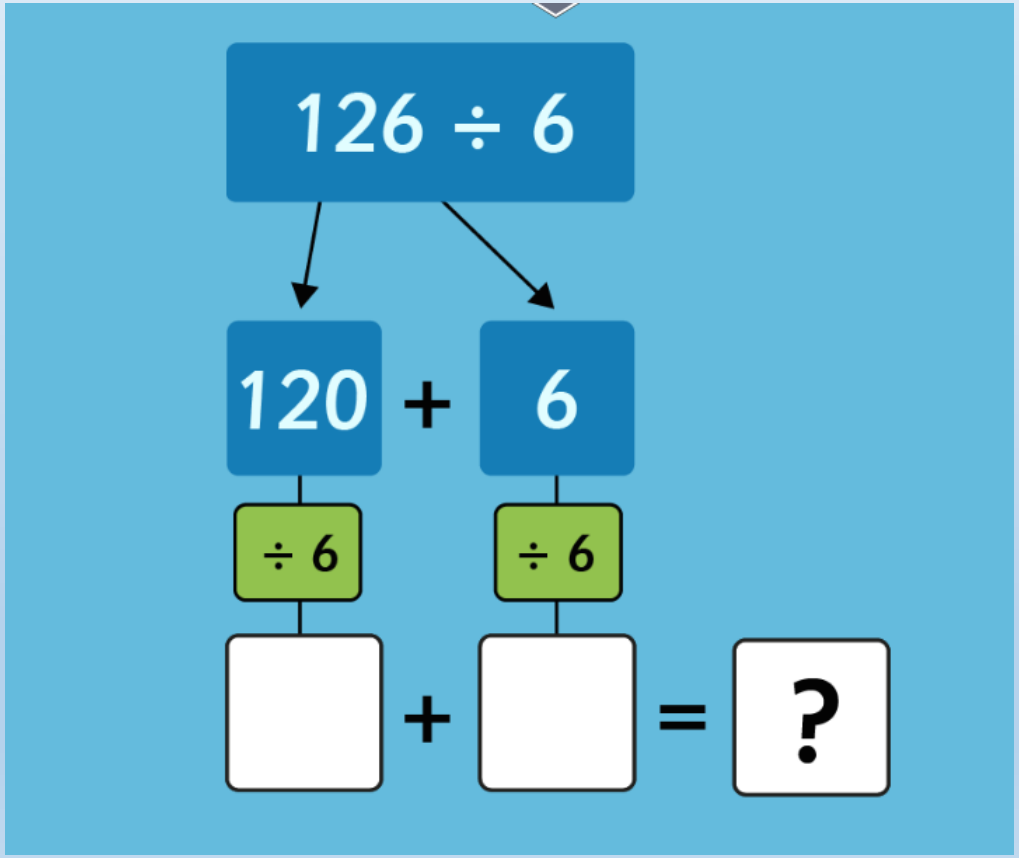
18.06.20

Multiply and divide numbers mentally

Lets practice!

Look at the example below to get you started.
126 divided by 6 =

To attempt this question mentally, partition 126 into 120 and 6. Then divide each number separately before adding them back together.



19.06.20

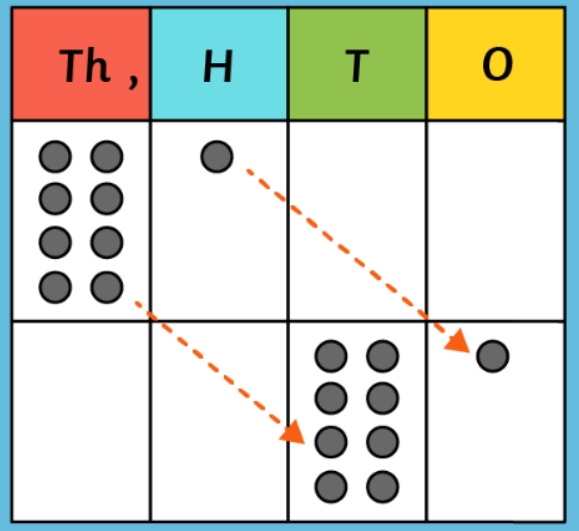
Multiply and divide whole numbers by 10 100 and 1000.

Today you are going to be multiplying whole numbers by 10, 100 and 1000.

As we have already practiced multiplying in this way, we shall only look at division today.

Look at the example

8,100 divided by 100



In the number 8100 we have eight lots of thousands and one lot of hundreds.

If we are dividing our number will get smaller and therefore move to the right by two place value columns.

Therefore the eight thousands become eight tens and the one hundred becomes one lots of ones. Therefore 8100 divided 100 = 81.

19.06.20

Multiply and divide whole numbers by 10 100 and 1000.

Lets practice!

Look at the example below to help you get started with dividing mentally.

25,000 divided by 1000. Use the place value grid to help you. Remember, the number will be getting smaller and will be moving three place value columns to the right as we are dividing by 1000.

As always, if you need any help, please do let Mr. Spencer know!

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