Numeracy lesson.

Wednesday 22nd April

Mental Maths

Recommended time 15 mins

Practise your times tables using this fun game!

https://mathsframe.co.uk/en/resources/resource/399/Archery-Arithmetic-Multiplication

Remember by the end of P3 you need to know off-by-heart your 2,3,4,5 and 10 times table!

L.I. To solve multiplication word problems
Recommended time approx 1 hour

Steps to success

- I know what multiplication means.

- I know there are different words for multiplication.

- I can solve multiplication calculations by drawing arrays or dienes.

- I know that multiplication is commutative.

All these words mean multiply!

Today you will be applying the methods we have learnt to multiply to solve word problems.

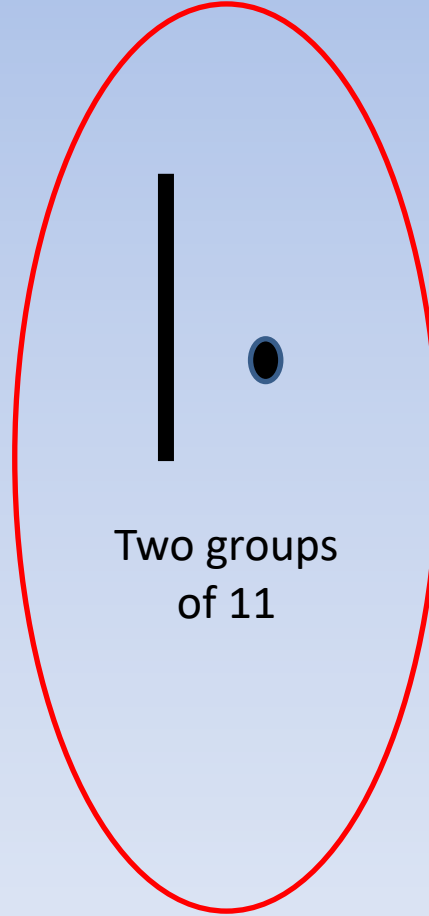You might be able to work the answer out in your head or you can draw an array or the dienes.
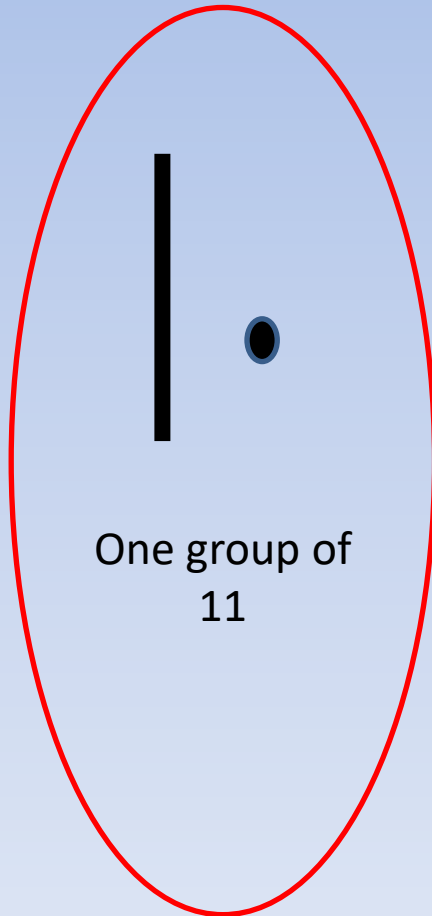
Remember this is how we draw an array (for multiplying smaller numbers)!

5x3= 15
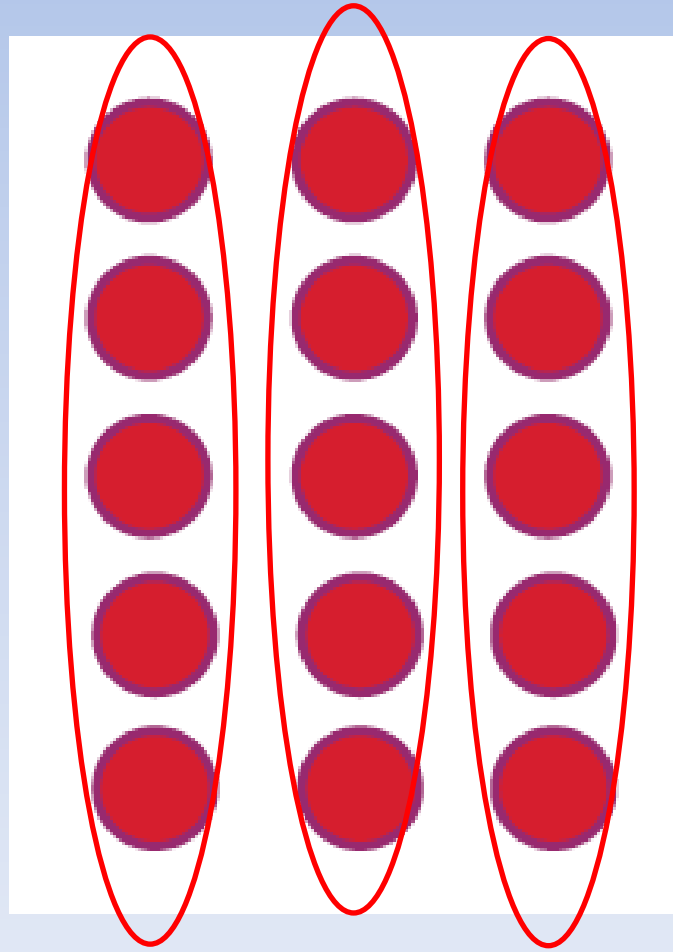
Remember this is how we multiply by drawing dienes (for larger numbers)
11 X 2=22

One group of 11

Two groups of 11

Your turn!
In your jotter calculate the following. You choose which chilli challenge suits your level of understanding! Ignore how they are numbered!

Mild

Multiplication and Division

3. In a relay race, 4 children swim 2 lengths each. How many lengths did the children swim altogether?

When I plant my onions, I plant 6 rows and put 10 onions in each row. How many onions do I plant?
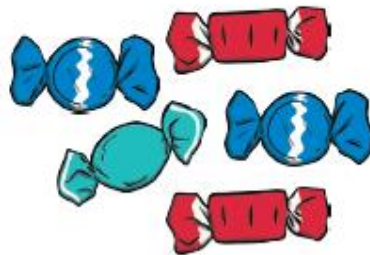
Multiplication and Division

5. 4 groups of children go on a school trip. There are 10 children in each group. How many children go on the trip?

I buy 8 packets of sweets. There are 5 sweets in each packet. How many sweets do I have?

Multiples of 2 5 and 10 Word Problems

There are 12 sausages in one packet.

How many sausages are in two packets?

Multiples of 2

In your jotter calculate the following. You choose which chilli challenge suits your level of understanding!

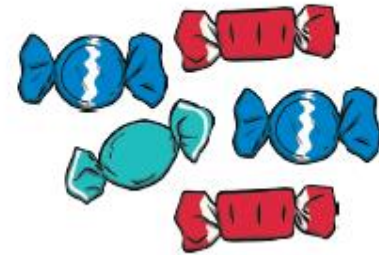Spicy

Multiples of 2 5 and 10 Word Problems

Multiples of 2

There are 12 sausages in one packet.

How many sausages are in two packets?

I buy 8 packets of sweets. There are 5 sweets in each packet. How many sweets do I have?

A flower has five petals. How many petals do 9 flowers have?

_____   _____

Bananas are 10p each. Priya wants to buy seven bananas. She has twelve 5p pieces. Does she have enough money? Explain your answer.

_____

_____

3 friends buy a toy which costs 32p, how much have they spent altogether?

In your jotter calculate the following. You choose which chilli challenge suits your level of understanding!

Hot

There are <u>five</u> pencils in a pack. Mrs Jones needs <u>32</u> pencils for her class. She says, 'I must buy <u>8 packs</u>.' Is she right? Explain your answer.

_____

_____

Will there be any pencils left over? If so, how many?

_____

Kelly is training for a race. She sprints 100m every day for a week. How much has she run in week? Is that a long distance in total? Explain your answer.

. Balloons come in packs of 5 and 10. Sophie has 35 balloons. How many of each pack does she have? Are there other ways to do it?

_____

_____

3 friends buy a toy which costs 42p, how much have they spent altogether (in pounds and pence)?

Ben cuts 4 strips of ribbon to sew around his cushion. Each length is 37cm. How much ribbon has he cut altogether?

Let's reflect on our learning!

Do you now…

… know what multiplication means?

…know there are different words for multiplication?

…solve multiplication calculations by drawing arrays or dienes?

…know that multiplication is commutative?

Not achieved the learning intention- I've answered 'no' to all of the above. Go through the slides again.

Partly achieved the learning intention- I've answered 'yes' to some of the above Goo job! We'll keep practising.

Achieved the learning intention- I've answered 'yes' to all of the above. Well done!