

Numeracy lesson.

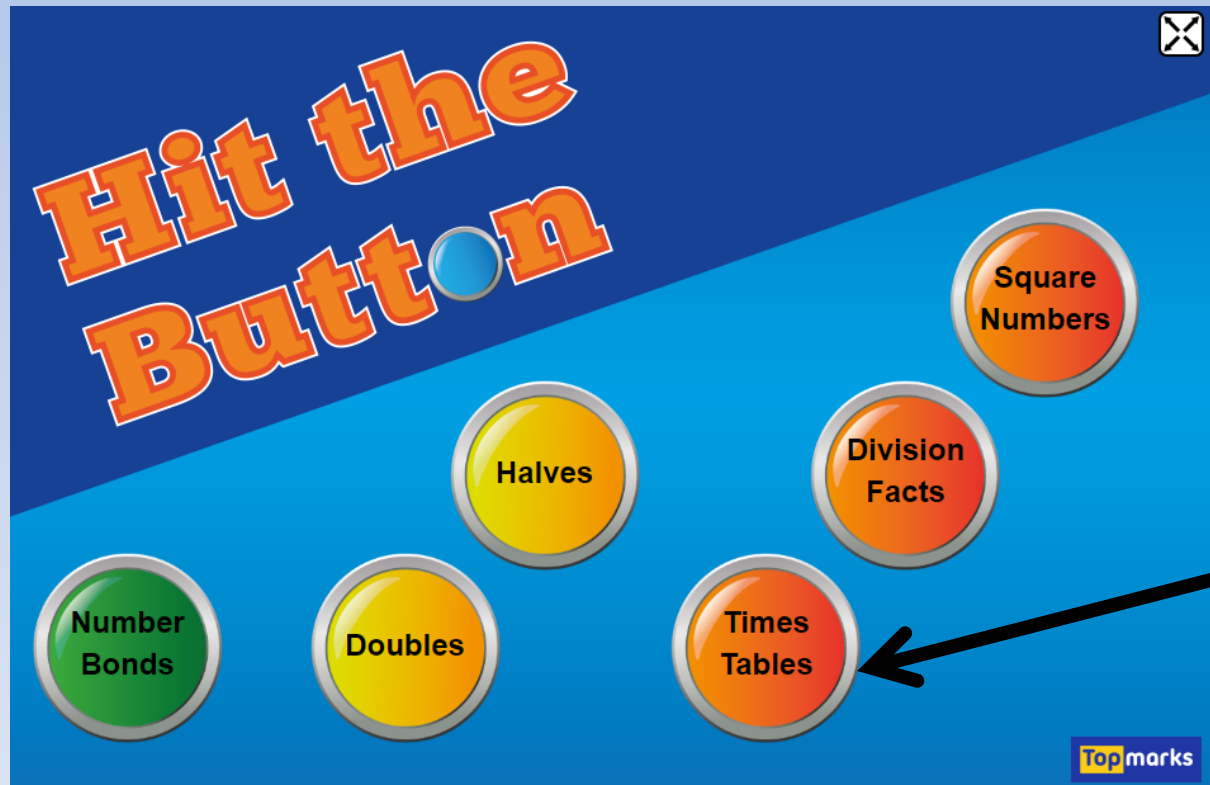
Tuesday 21st April

Mental Maths

Recommended time 15 mins

Practise your times tables using this fun game!

<https://www.topmarks.co.uk/maths-games/hit-the-button>



Click on this one!

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 multiply larger number by drawing dienes.

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 dienes.
- I know that multiplication is commutative.



All these words mean multiply!

Multiplication

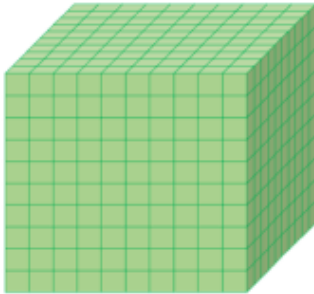
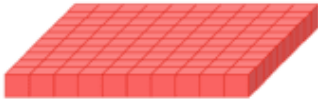



multiply
times
groups of
lots of
repeated addition
product
multiplied by
array

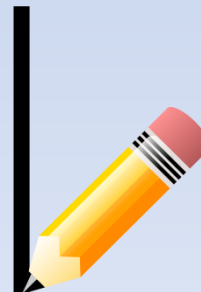


multiply
times
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repeated addition
product

When we are multiplying larger numbers it would take ages to draw an array so we will use dienes instead!

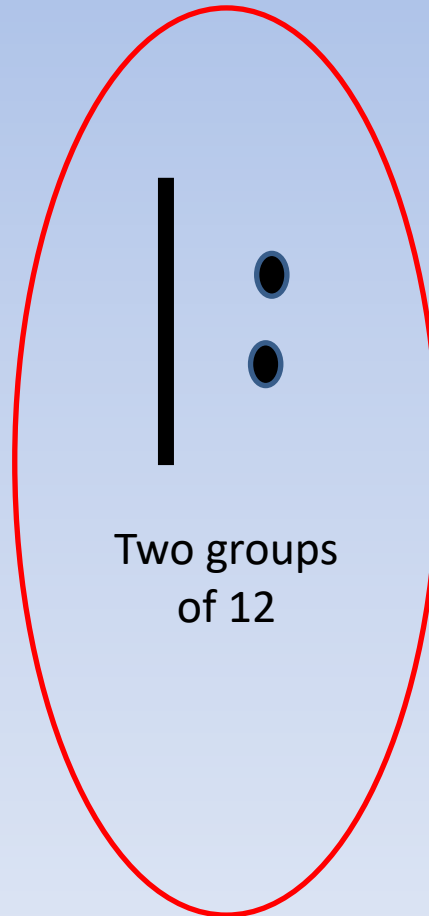
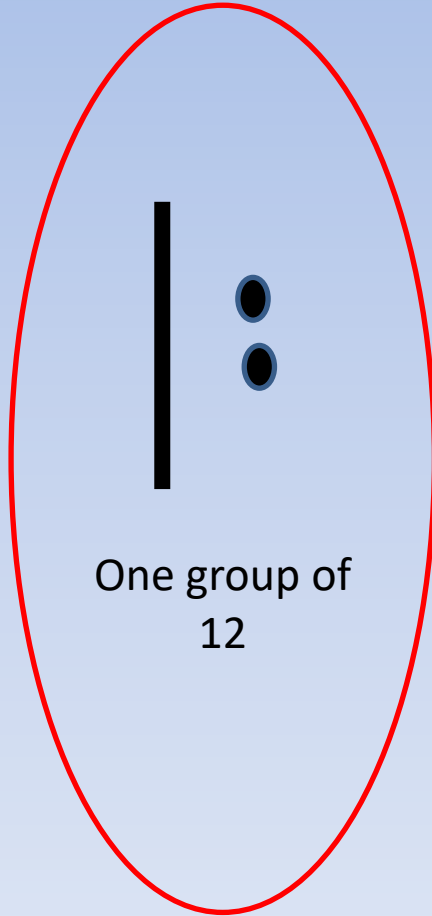
You can draw dienes like this!

Thousands	Hundreds	Tens	Units/Ones
			
1000	100	10	1
<small>www.mathswithmum.com</small> 			



So let's have a go!

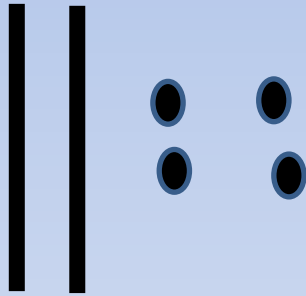
$$12 \times 2 =$$



What's the ANSWER?

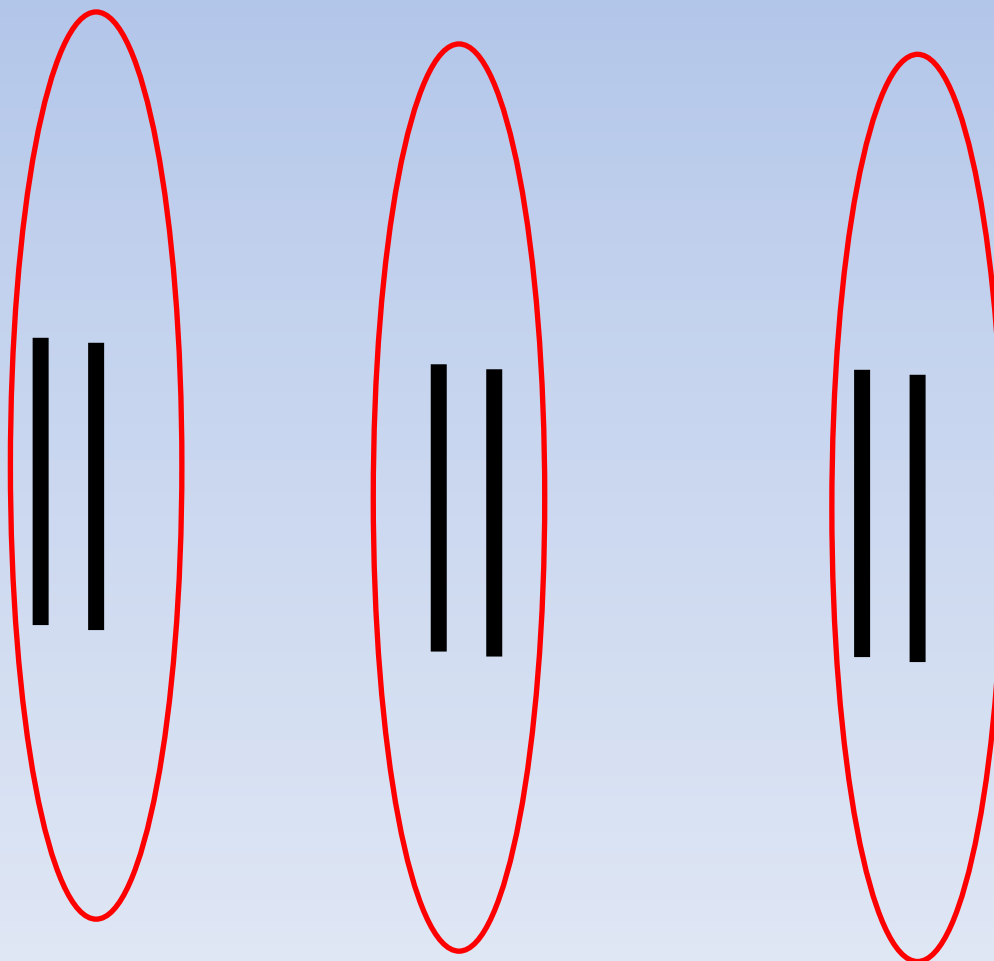
So let's have a go!

$$12 \times 2 = 24$$



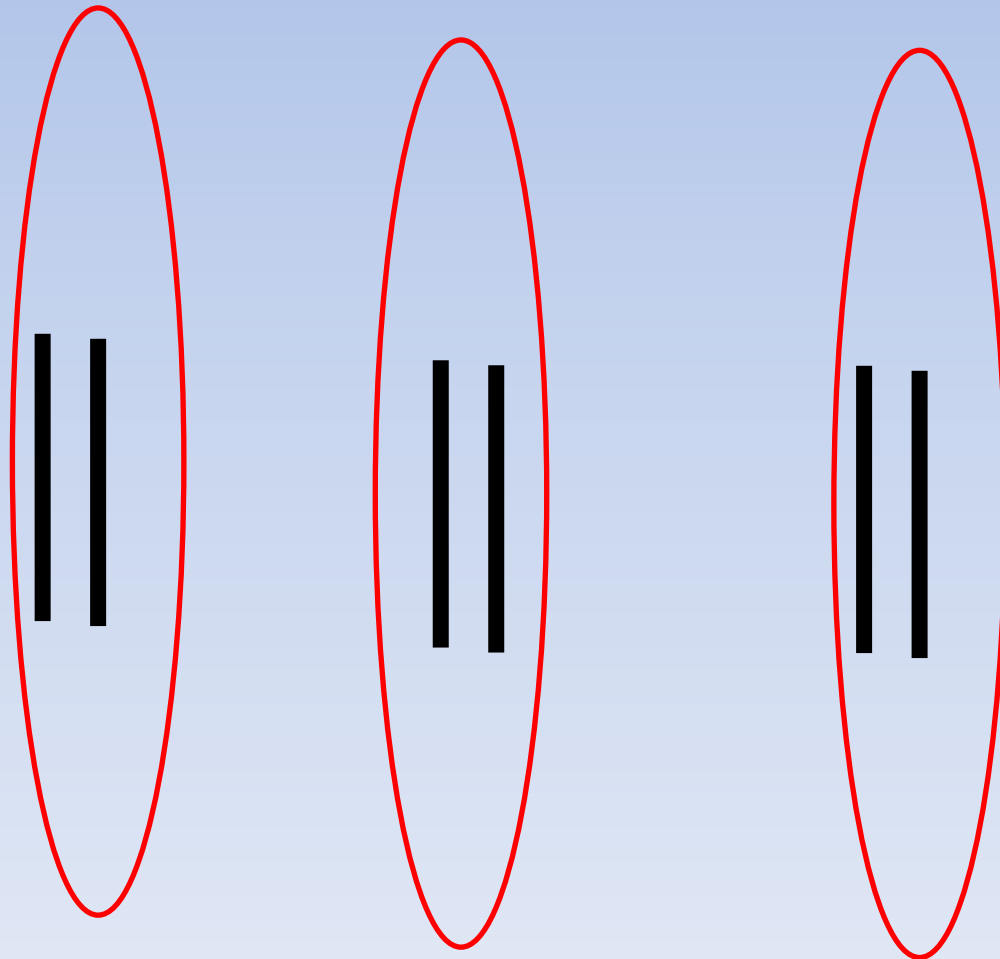
Did you get it right?

What calculation do these dienes show?



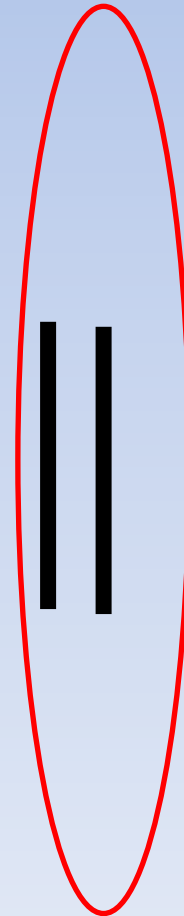
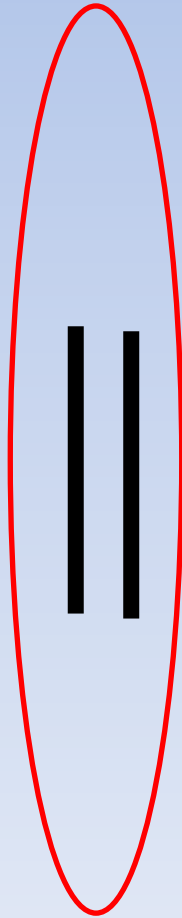
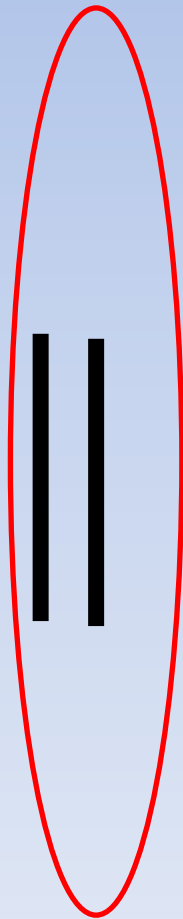
$$20 \times 3 =$$

What's the answer?



$$20 \times 3 = 60$$

Did you get it right?



Your turn!

In your jotter calculate the following by drawing the dienes. Can you also work out the corresponding calculation (e.g. if $12 \times 2 = 24$ then $2 \times 12 = 24$)? You choose which chilli challenge suits your level of understanding!

Mild



Spicy



Hot



1. $20 \times 4 =$

2. $13 \times 2 =$

3. $11 \times 3 =$

4. $31 \times 2 =$

5. $30 \times 2 =$

6. $14 \times 2 =$

7. $40 \times 2 =$

8. $15 \times 3 =$

1. $50 \times 3 =$

2. $17 \times 4 =$

3. $12 \times 5 =$

4. $80 \times 2 =$

5. $22 \times 3 =$

6. $31 \times 4 =$

7. $44 \times 3 =$

8. $60 \times 4 =$

1. $25 \times 6 =$

2. $70 \times 3 =$

3. $47 \times 4 =$

4. $14 \times 5 =$

5. $80 \times 4 =$

6. $112 \times 2 =$

7. $150 \times 3 =$

8. $340 \times 2 =$

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 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!

