Maths

6.1.21



Mental & Oral Starter

 Let's warm up by using our counting stick to count up in the 6x tables!

Are you ready!?

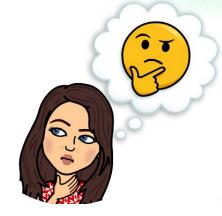


WALT: Multiply and divide by 6

S2S: I can

- Fluently recall times table facts for the 6 times table
- Fluently recall division facts for the 6 times table
- Explain the relationship between the 3 times table and the 6 times table

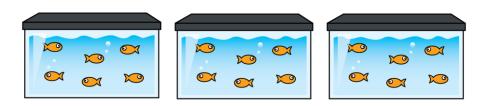




Let's Learn



What do you see?



How can we write this as repeated addition?

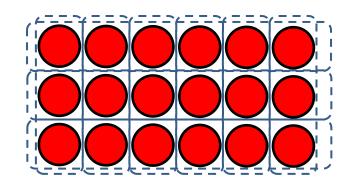
$$6 + 6 + 6 = 18$$

How can we represent this as a multiplication calculation?

$$6 \times 3 = 18 \text{ or } 3 \times 6 = 18$$



Let's use our arrays to create a fact family:



 $3 \times 6 = 18$

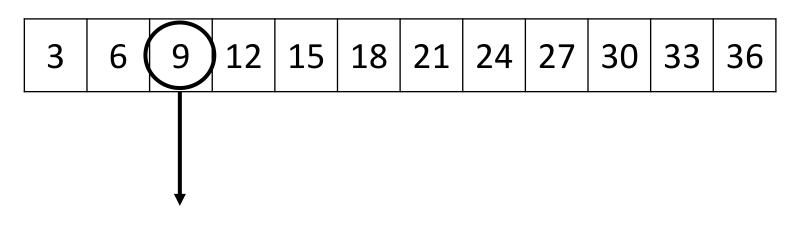
 $6 \times 3 = 18$

18 divided by 3 = 6

18 divided by 6 = 3



Let's look at the 3 times table and the 6 times table, what do you notice?



$$3 \times 3 = 9$$

$$8 \times 3 = 24$$

$$3 \times 6 = 18$$

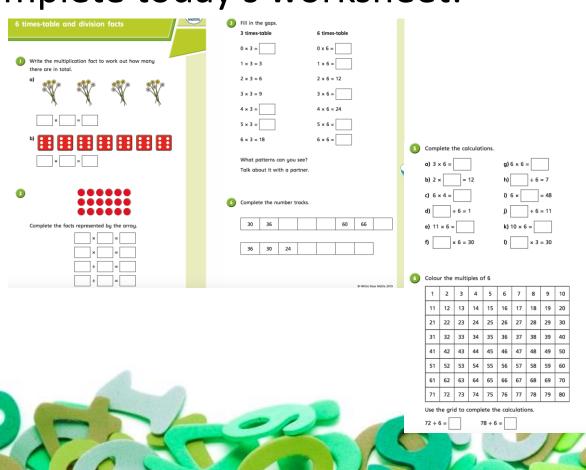
$$8 \times 6 = 48$$



Independent Practice



Complete today's worksheet:



2 Sort the number cards into the diagram.

18 15 36 16 20 6 72 63

Multiples of 6 Not multiples of 6

Even numbers

Odd numbers

Are any of the boxes empty?

Compare answers with a partner.

3 Jack is thinking of two whole numbers.

The sum of the numbers is 13

The difference between the numbers is 1

What is the product of the numbers?

Self-Assessment

Have you been successful today?

How do you know?

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-Fluently recalled division facts for the 6 times table

-Explained the relationship between the 3 times table and the 6

times table

