Maths

7.1.21



Mental & Oral Starter

• Let's warm up by using our counting stick to count up in the 9x tables!

Are you ready!?

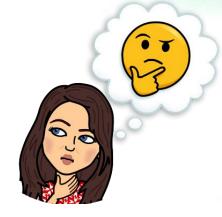


WALT: Multiply and divide by 9

S2S: I can

- Use a variety of representations to multiply by 9
- Use a variety of representations to divide by 9

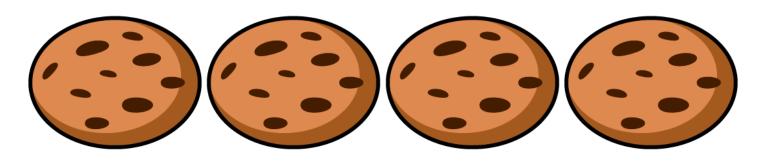




Let's Learn



Complete the missing numbers.



There are <u>4</u> cookies.

There are _____ chocolate chips in each cookie.

There are <u>36</u> chocolate chips altogether.











There are <u>4</u> cookies.

There are _____ chocolate chips in each cookie.

There are <u>36</u> chocolate chips altogether.

$$9 + 9 + 9 + 9 = 36$$

 $4 \times 9 = 36$
 $9 \times 4 = 36$



Each packet contains 9 sweets.



$$9 + 9 + 9 + 9 + 9 + 9 = 54$$

$$6 \times 9 = 54$$

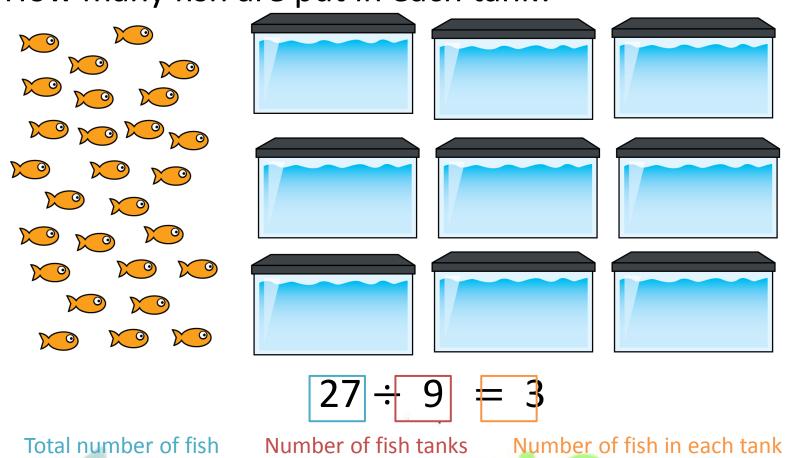
$$9 \times 6 = 54$$



There are 27 fish.

An equal amount are put into each of the 9 tanks.

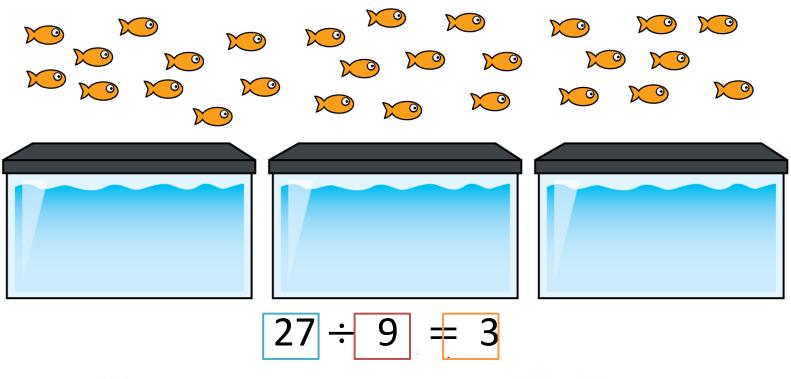
How many fish are put in each tank?



There are 27 fish.

9 fish are put in each tank.

How many tanks are needed for all the fish?

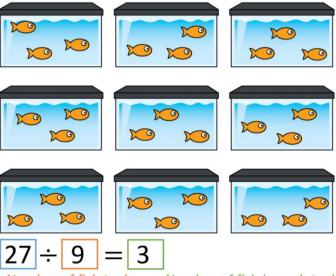


Total number of fish

Number of fish in each tank

Number of tanks

Sharing

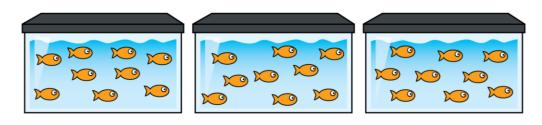


Total number of fish

Number of fish tanks

Number of fish in each tank

Grouping

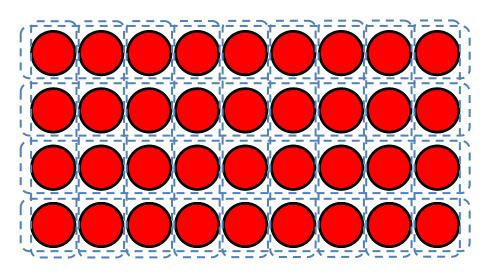


 $27 \div 9 = 3$

Total number of fish

Number of fish in each tank

Number of tanks



$$9 \times 4 = 36$$

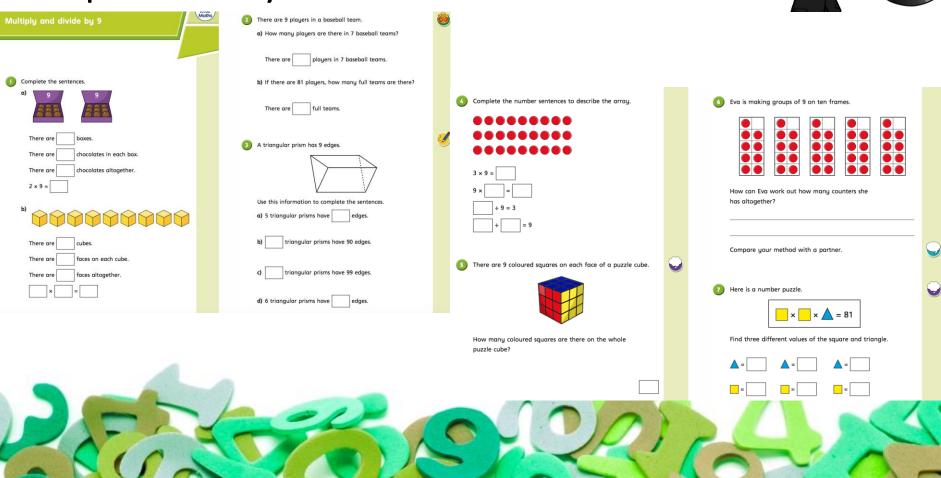
 $4 \times 9 = 36$
 $36 \div 4 = 9$
 $36 \div 9 = 4$



Independent Practice



Complete today's worksheet:



Self-Assessment

Have you been successful today?

How do you know?

WALT: Multiply and divide by 9

S2S: I have

-Used a variety of representations to multiply by 9

-Used a variety of representations to divide by 9

