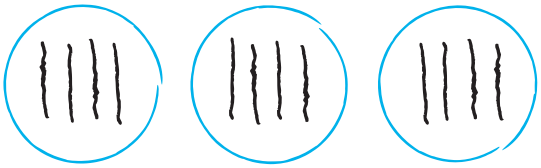
How many in each group?

12 ÷ 3 = ?

If we divide 12 tally marks into 3 equal groups, how many will there be in each group?



Each group got 4 tally marks, so 12 ÷ 3 = 4.

How many equal groups?

28 ÷ 4 = ?

If we divide 28 counters into equal groups of 4, how many groups will we make?

We can make 7 groups of 4, so 28 ÷ 4 = 7.

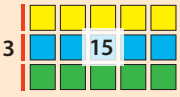
Build a tile array

15 ÷ 3 = ?

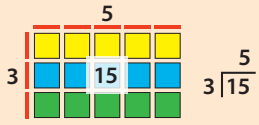
If we arrange 15 tiles to form an array with a dimension of 3, what is the other dimension?

Use red linear pieces to show the divisor.

Divide the dividend equally.



Use red linear pieces to show the quotient.

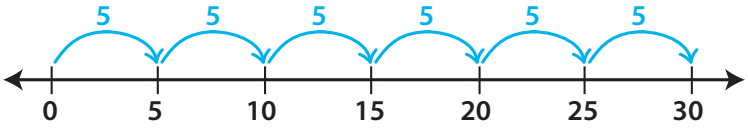


There are 5 in each row, so 15 ÷ 3 = 5.

Use skip-counting

30 ÷ 5 = ?

How many times do we have to count by 5 to reach 30?



If you skip-count by 5 six times, you get to 30, so 30 ÷ 5 = 6.

Think multiplication

32 ÷ 8 = ?

$$8 \times \square = 32$$

I know that 8 × 4 is 32, so 32 ÷ 8 = 4.

Break apart

36 ÷ 3 = ?

Break the dividend apart.
Divide each part and add the quotients.

36 = 30 + 6

30 ÷ 3 = 10 and **6 ÷ 3 = 2**

10 + 2 = 12 so **36 ÷ 3 = 12**

When we solve division problems this way, we're using the *distributive property.*