What's the problem?

Learning Objective:
To solve problems using the multiplication and division facts for the 2, 5 and 10 times tables

Multiplication arrays

How can we easily solve 3x5?
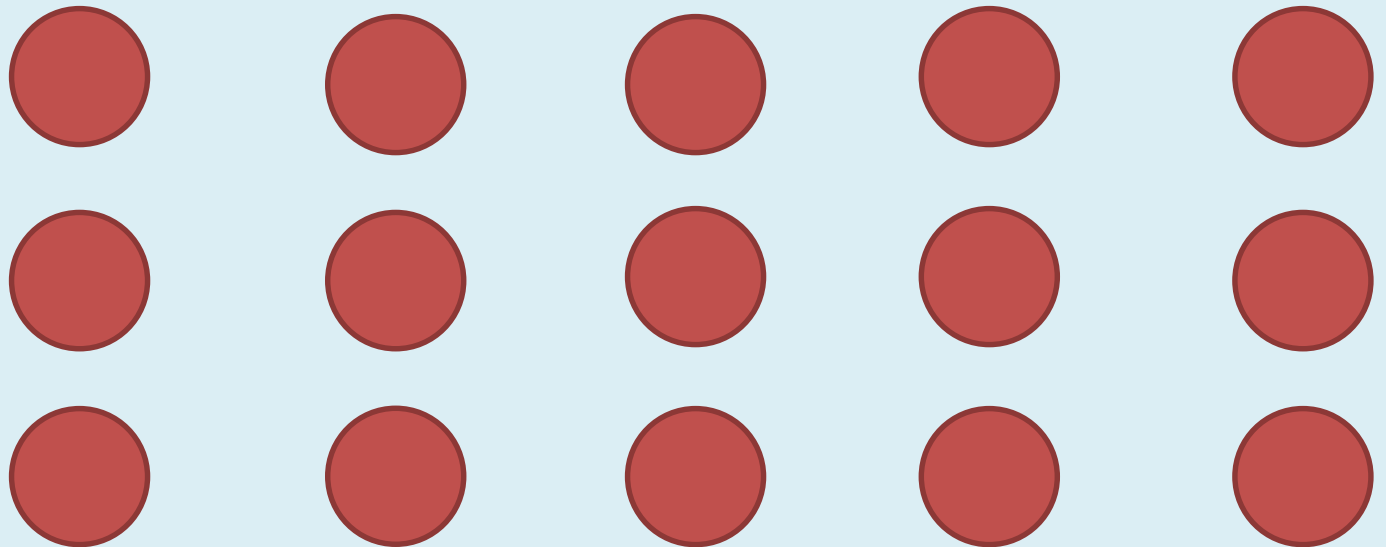
3x5 is the same as saying:

"3 groups of 5".

If we make the groups, we can easily find the answer.

Multiplication arrays

Let's make those groups.

Remember, 3 groups of 5; write them on a piece of paper.

Multiplication arrays

If we rotate the array, is the answer still the same?

Yes!

5 groups of 3 is the same as having 3 groups of 5.

5x3=15
3x5=15

Division arrays

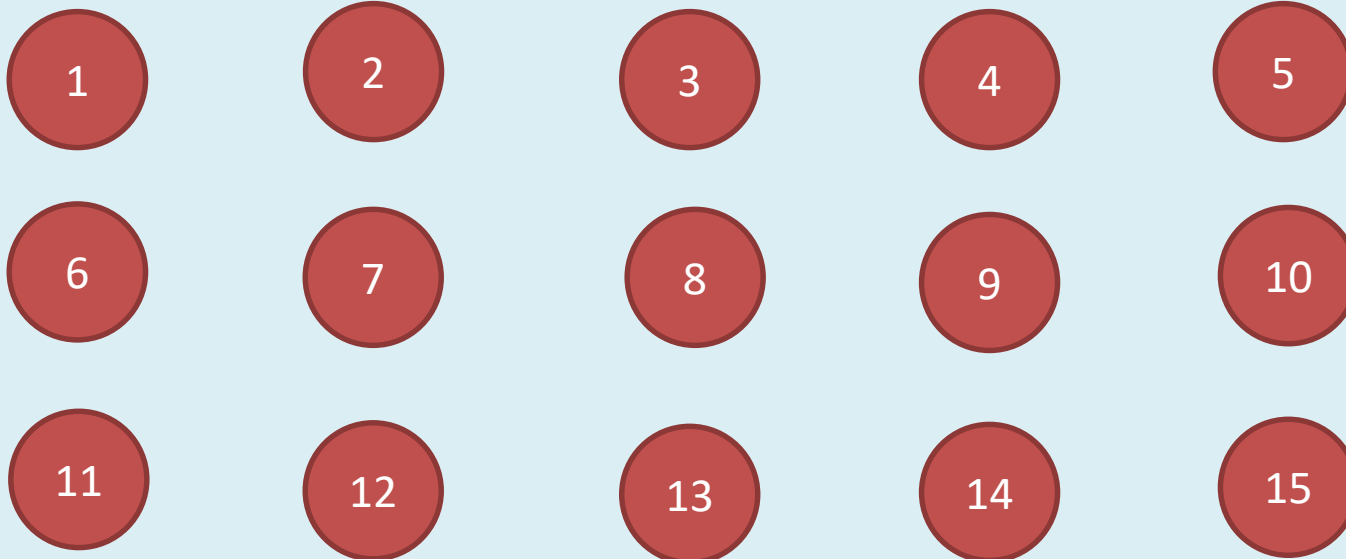We can use the array to solve division.

15÷3=

Division arrays

15 divided into 5 groups makes 5 groups of 3.

$15 \div 5 = 3$
Think back to the multiplication sum. Can you see the link?

Word Problems

Read these word problems. What is the sum you need to do?

1. There are 35 cakes and 5 people at a party. How many cakes can each person eat?

2. There are 4 year groups in a school. Each year group has 10 teachers. How many teachers are there altogether?

Task: Now use your knowledge of the 2, 5 and 10 times tables to complete the multiplication and division calculations in the 'what's the problem?' activity.

Remember – always perform a quick check with the inverse!