Use arrays

1 How many pears are there?
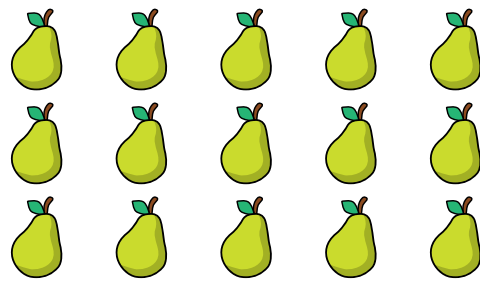
5 + 5 + 5 = 15

3 × 5 = 15

There are 15 pears.

2 How many stars are there?

6 + 6 = 12

2 × 6 = 12

There are 12 stars.

3 Write two additions and two multiplications for the array.
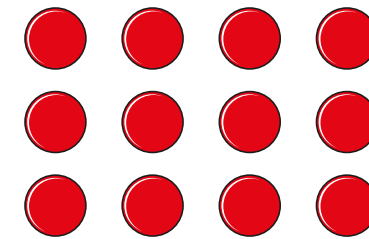
4 + 4 + 4 = 12

3 × 4 = 12

3 + 3 + 3 + 3 = 12

4 × 3 = 12

What do you notice?

4 Write two multiplications for this array.
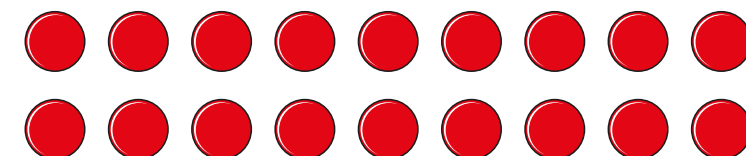
2 × 9 = 18

9 × 2 = 18

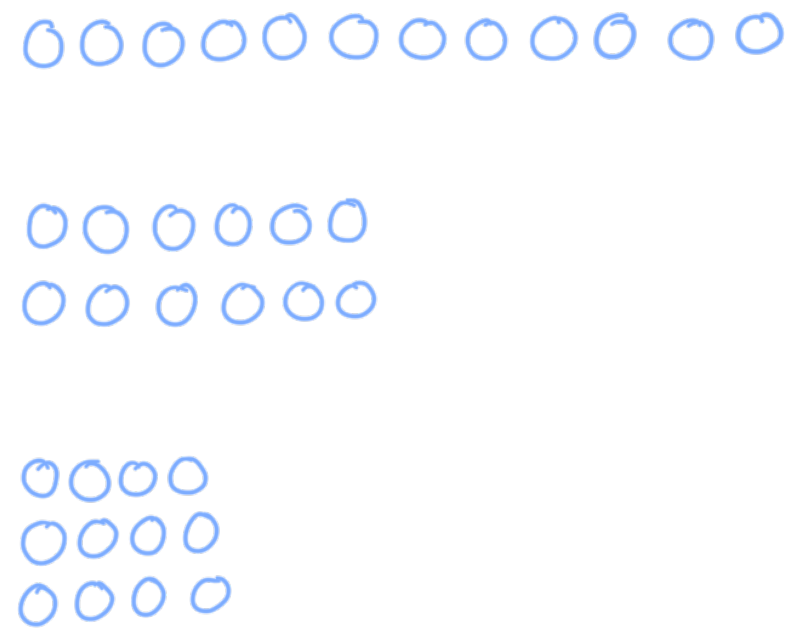**5** Draw an array to show 7 × 3

Complete the number sentence.
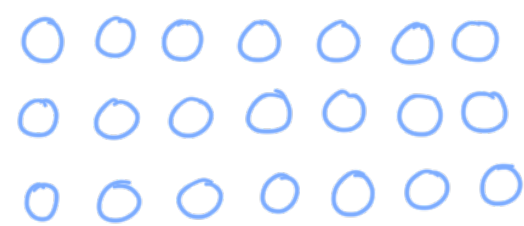
7 × 3 = 21

Is there more than one way to draw the array?
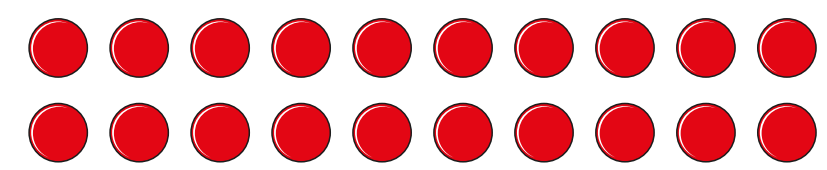
6 Draw three different arrays to show 12

7 Draw dots to show each multiplication in two ways.

The first one has been done for you.

Multiplication	Array 1	Array 2
3 × 8		
2 × 5		
4 × 9		
6 × 1		

8 Can you see the multiplications 5 × 4 and 4 × 5 in the array?

Talk about it with a partner.