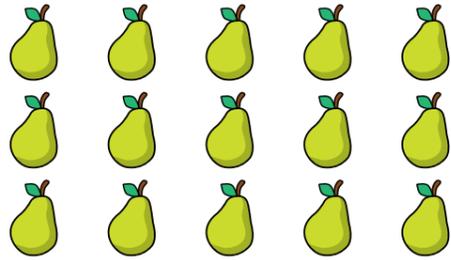


# Use arrays

1 How many pears are there?



$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{15}$$

$$\boxed{3} \times \boxed{5} = \boxed{15}$$

There are  $\boxed{15}$  pears.

2 How many stars are there?

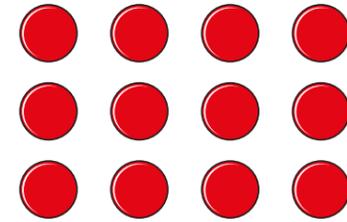


$$\boxed{6} + \boxed{6} = \boxed{12}$$

$$\boxed{2} \times \boxed{6} = \boxed{12}$$

There are  $\boxed{12}$  stars.

3 Write two additions and two multiplications for the array.



$$\boxed{4} + \boxed{4} + \boxed{4} = \boxed{12}$$

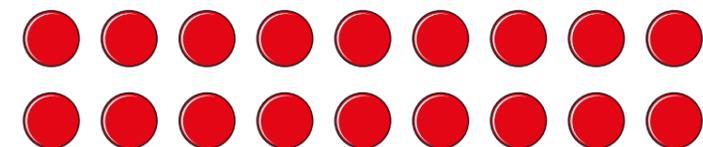
$$\boxed{3} \times \boxed{4} = \boxed{12}$$

$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{12}$$

$$\boxed{4} \times \boxed{3} = \boxed{12}$$

What do you notice?

4 Write two multiplications for this array.



$$\boxed{2} \times \boxed{9} = \boxed{18}$$

$$\boxed{9} \times \boxed{2} = \boxed{18}$$



- 5 Draw an array to show  $7 \times 3$   
Complete the number sentence.

$7 \times 3 =$  21

Is there more than one way to draw the array?



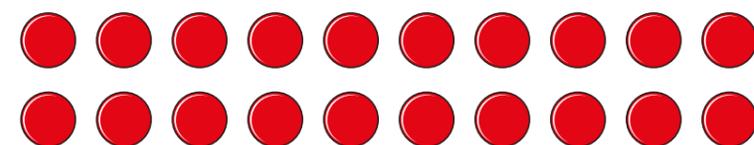
- 6 Draw three different arrays to show 12



- 7 Draw dots to show each multiplication in two ways.  
The first one has been done for you.

Multiplication	Array 1	Array 2
$3 \times 8$		
$2 \times 5$		
$4 \times 9$		
$6 \times 1$		

- 8 Can you see the multiplications  $5 \times 4$  and  $4 \times 5$  in the array?



Talk about it with a partner.

