

## Use arrays

### Using arrays

20.01.21

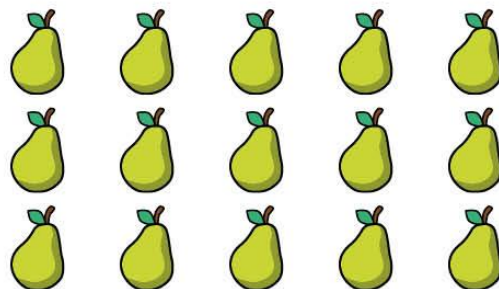
Use the link below to watch the video for the teaching methods and examples we use in the classroom, then work through the questions in the rest of the document.

### [Using arrays](#)



## Use arrays

1 How many pears are there?



$$\square + \square + \square = \square$$

$$\square \times \square = \square$$

There are  pears.

2 How many stars are there?

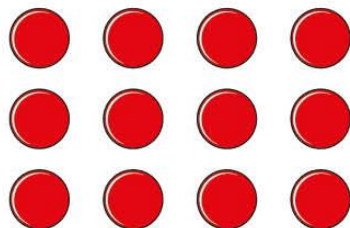


$$\square + \square = \square$$

$$\square \times \square = \square$$

There are  stars.

- 3 Write two additions and two multiplications for the array.



$$\square + \square + \square = \square$$

$$\square \times \square = \square$$

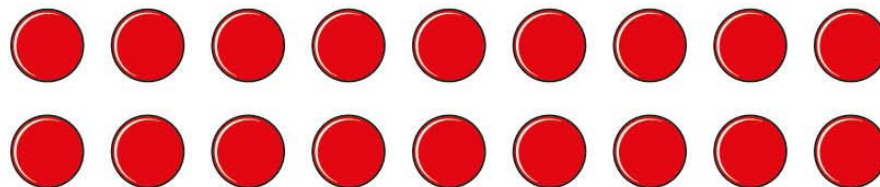
$$\square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

What do you notice?



4 Write two multiplications for this array.



$$\square \times \square = \square$$

$$\square \times \square = \square$$



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

$$7 \times 3 = \square$$

Is there more than one way to draw the array?



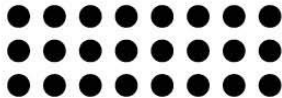



6 Draw three different arrays to show 12



- 7 Draw dots to show each multiplication in two ways.

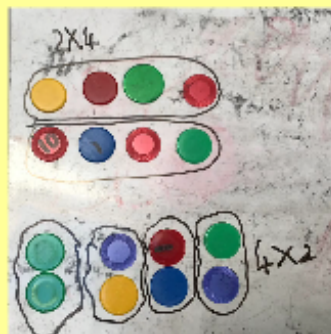
The first one has been done for you.

Multiplication	Array 1	Array 2
$3 \times 8$		
$2 \times 5$		



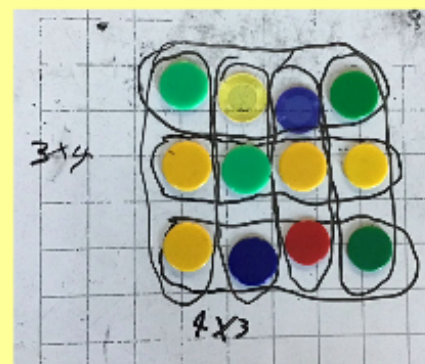
Multiplication	Array 1	Array 2
$4 \times 9$		
$6 \times 1$		

Using objects make arrays to show:



$$2 \text{ groups of } 4 = 4 \times 2$$

$$3 \times 4 = 4 \text{ groups of } 3$$



$$4 \times 4 = 4 \text{ lots of } 4$$

$$3 \times 6 = 6 \times 3$$

