



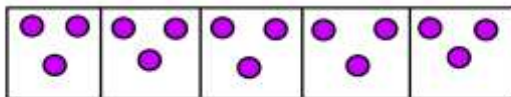
# What's an Array?

An **array** is a group of objects, pictures, or numbers in columns and rows.  
 A **rectangular array** is a group of objects that are arranged in equal rows and columns.



Check all the pictures that show rectangular arrays.

## Year 2 Multiplication and arrays



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

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

There are \_\_\_ equal groups with \_\_\_ in each group.  
 There are five \_\_\_s.

Is Mo correct? Explain why.

Continue to use the websites below to help with your time tables:  
 Times Tables Rock stars—Use your school login  
 Hit the button—no log in needed  
<https://www.topmarks.co.uk/maths-games/hit-the-button>

Use <, > or = to make the statements correct.

$3 \times 5$	<input type="radio"/>	$5 + 5 + 5 + 5$
$2 \times 2$	<input type="radio"/>	$2 + 2$
$10 \times 2$	<input type="radio"/>	$5 + 5 + 5$

*Create your own arrays stories*

Can you continue your learning with multiplication problems based on the story.

For example: Mr Sharma has got all the pencils he needs, but he also wants some paper. He has 3 packets of paper, and in each packet there are 10 pieces of paper. How many pieces of paper is that in total?  
 What is the calculation?

How can you show this as an array? Use items around your home or images to create arrays to help you to solve similar multiplication problems.  
<https://www.bbc.co.uk/teach/class-clips-video/maths-ks1-ks2-how-to-use-arrays-to-multiply/zrks382>

addition	multiplication	STEM sentence
$10 + 10 + 10$		
	$6 \times 5$	
		There are 4 equal groups with 2 in each group.