

Tuesday 12th January 2021
REMOTE LEARNING

Year 3 Unit 6: Multiplication and division

Lesson 5 arrays of 3 and 4

Mathematics
Mastery



Key learning:

I will know how to describe and interpret arrays for the multiplication tables of three and four



array



multiply

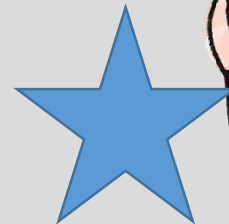
divide



groups

part

whole



Star Words

Review

solve by counting in 3s or drawing groups of 3

$$3 \times 2 =$$

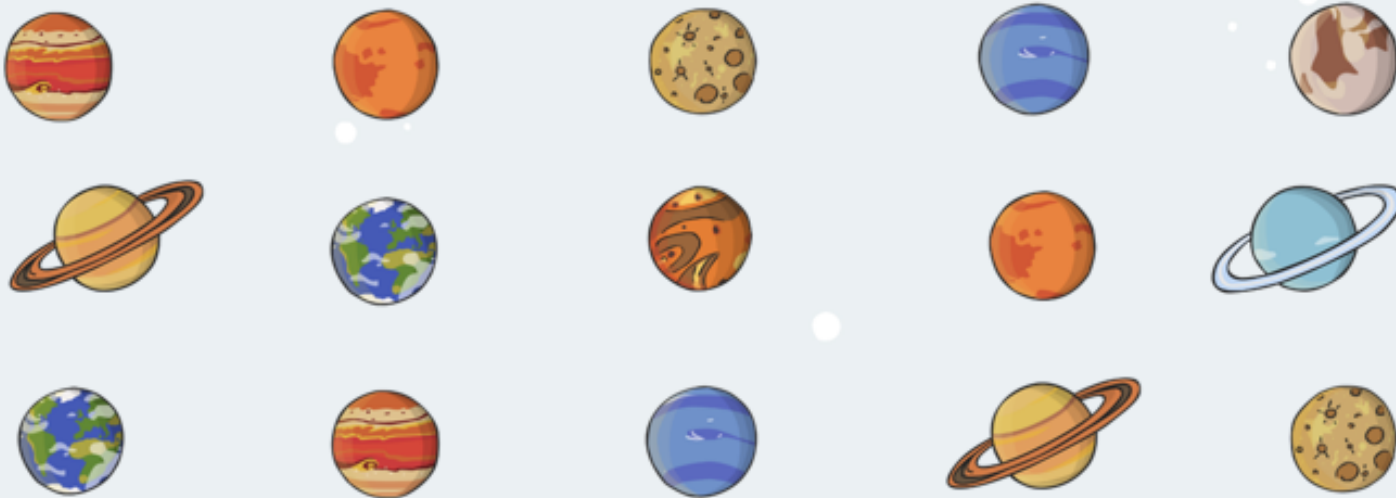
$$3 \times 3 =$$

$$4 \times 2 =$$

$$4 \times 3 =$$

What Is an Array?

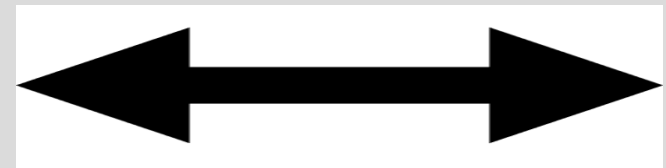
When pictures or objects are put into columns and rows, it is called an array. They can help us to count objects more efficiently.



$$3 \times 5 = ?$$



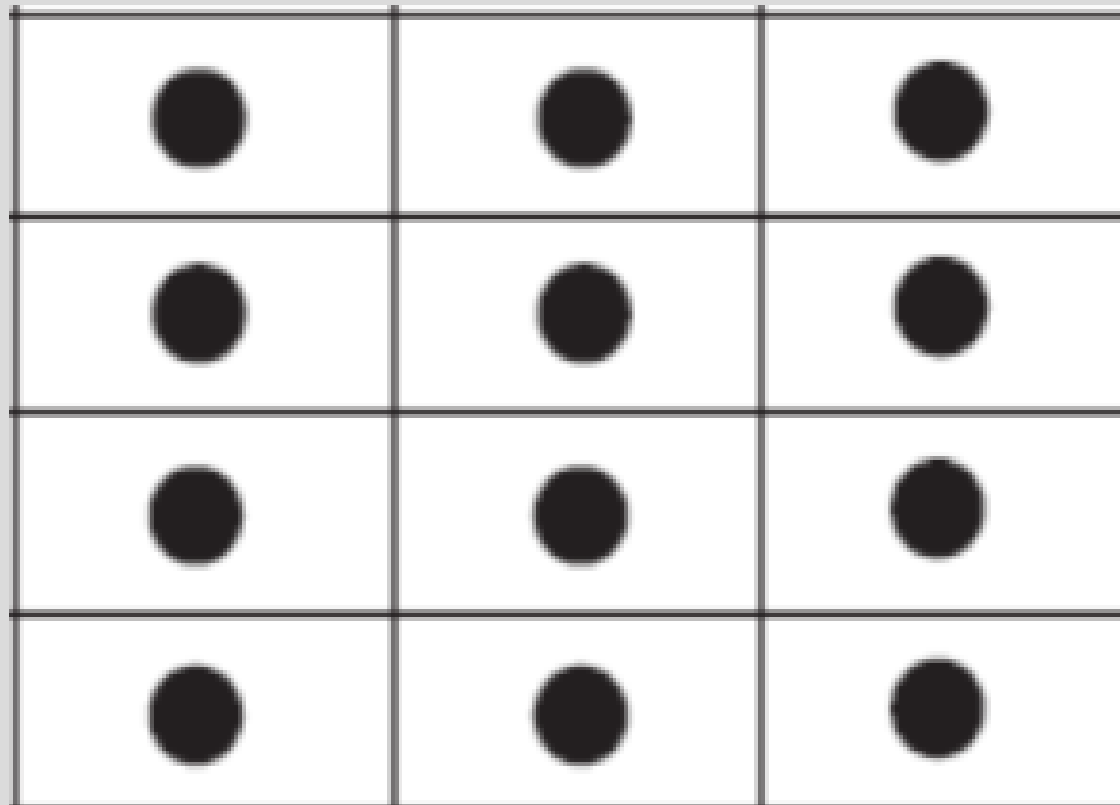
Columns go up and down.



Rows go side to side.

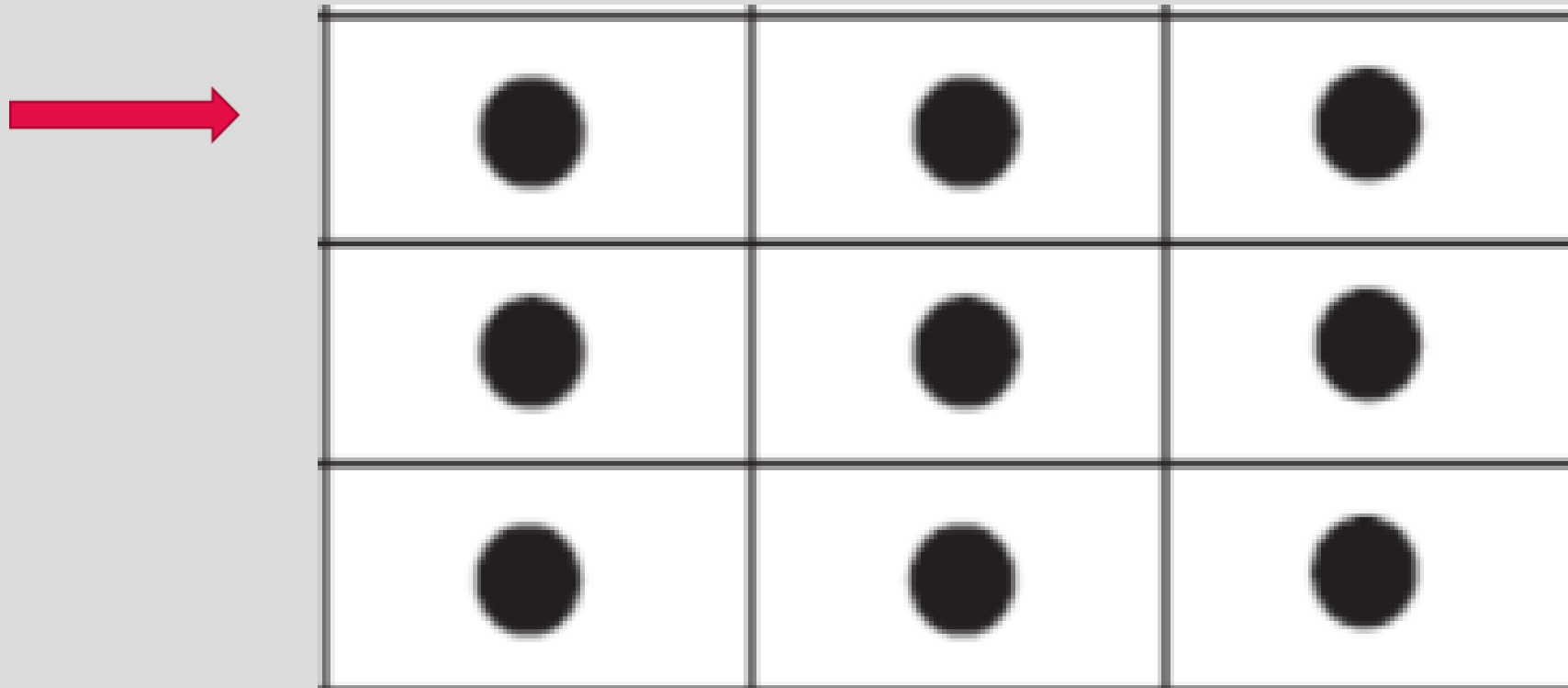
Let's practise counting using arrays

My turn - First I will check how many dots are in each row
I will count the rows



Let's practise counting using arrays

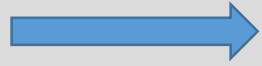
Our turn - We will count the rows



Your turn -

You will count the rows and write down your answer.

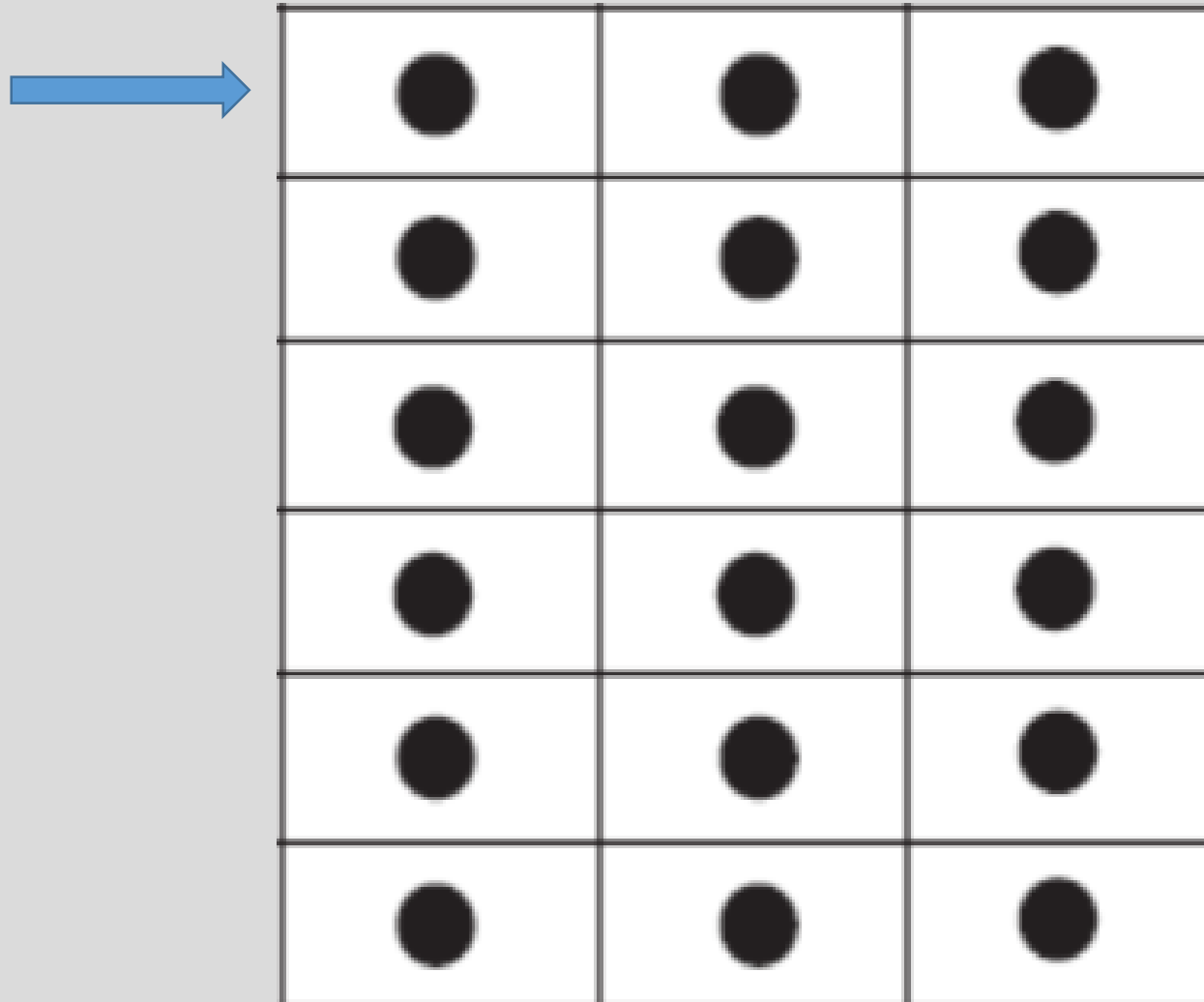
Be ready for a cold call!



| | | |
|---|---|---|
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |

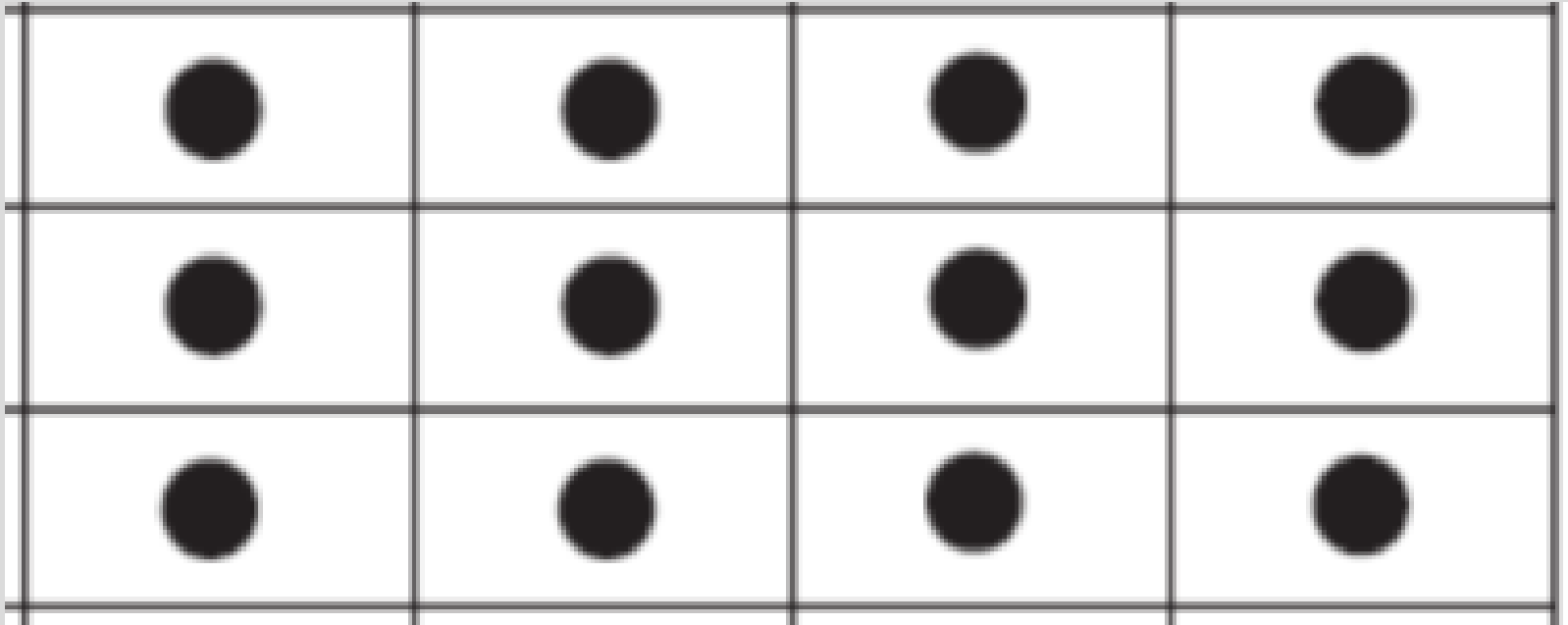
Another practise

Your turn - You will count the rows



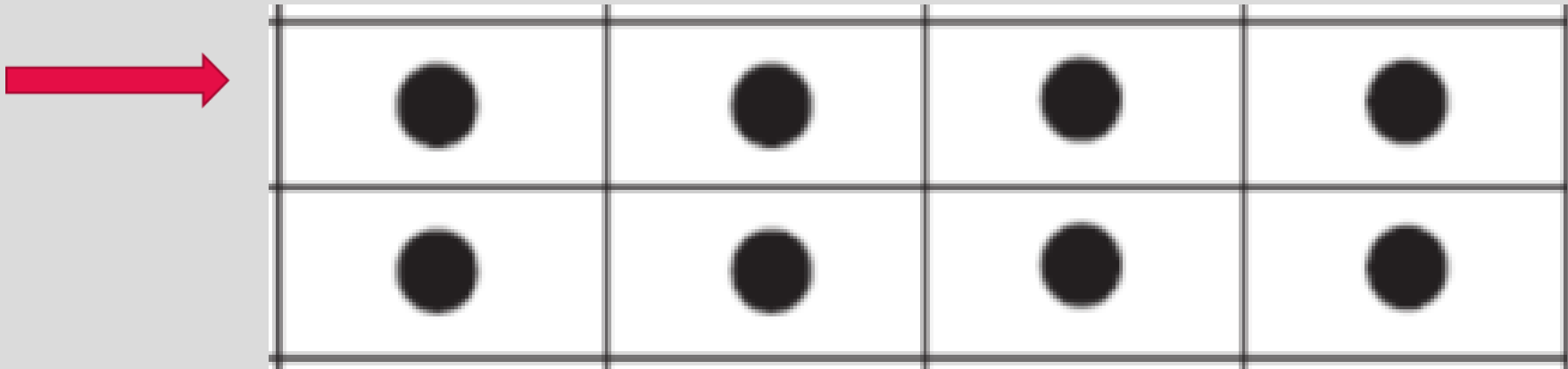
Let's practise counting using arrays

My turn - First I will count how many dots are in each row
I will count the rows

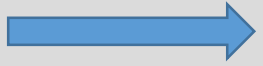


Let's practise counting using arrays

Our turn - We will count the rows



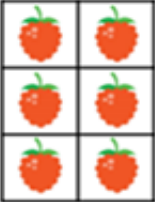
Your turn - You will count the rows and write your answer



| | | | |
|---|---|---|---|
| ● | ● | ● | ● |
| ● | ● | ● | ● |
| ● | ● | ● | ● |
| ● | ● | ● | ● |



A.



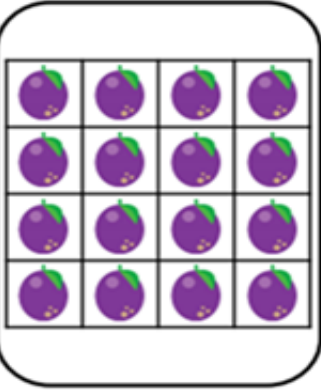
_____ rows

_____ columns

☐

strawberries

B.



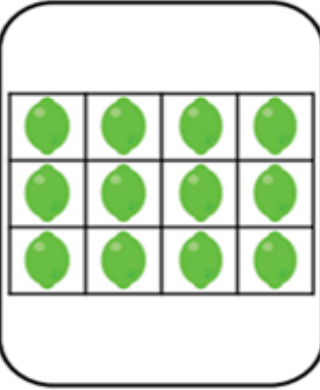
_____ rows

_____ columns

☐

plums

C.



_____ rows

_____ columns

☐

limes



2 groups of 4

3 groups of 4

4 groups of 4

5 groups of 4

What multiplication equation could you write for each array?