

# Year 3 Maths

## Remote learning

### 23.11.20 - 27.11.20

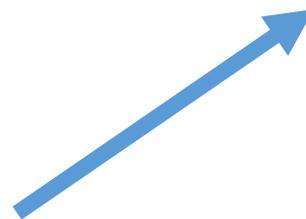
This pack contains:

- 3 learning videos and models
- 5 lessons with tasks (to be completed in your homework book)

**You will then need to bring in your homework book when you return to school. The teacher will then be able to give you feedback on the work.**

# Lesson 1

LO: To use division by sharing



<https://classroom.thenational.academy/lessons/using-the-division-symbol-when-sharing-60tkct?step=2&activity=video>

Watch the video, complete the activities and then write down the very important fact that you have learnt about the difference between multiplication and division and commutativity. Can you explain what it means?

$$2 \times 5 = 10$$

$$5 \times 2 = 10$$

$$10 \div 5 = 2$$

Can we switch the numbers and write  $5 \div 10 = 2$ ?

Why not?

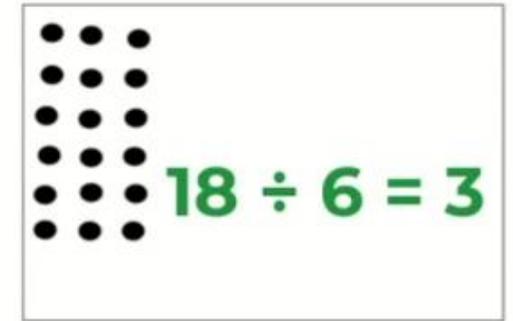
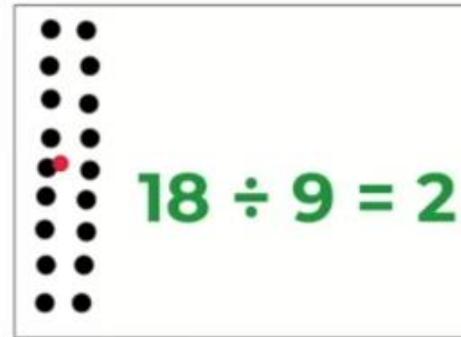
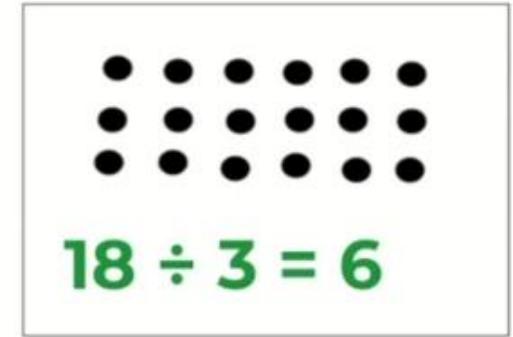
# Lesson 2

LO: To use division by sharing

So, yesterday we did these activities. Today we would like you to use the same method of using arrays to solve the problems below.

If you need to watch the video again from yesterday to help you, then that is fine.

1. How many different ways can you share 20?  
Draw the array and write the matching equations for each way you share the 20.
2. How many different ways can you share 16?  
Draw the array and write the matching equations for each way you share the 16.



# Lesson 3

LO: To use grouping for division

<https://classroom.thenational.academy/lessons/using-the-division-symbol-when-grouping-75hkjt?step=2&activity=video>

Watch the video first and then complete this problem.

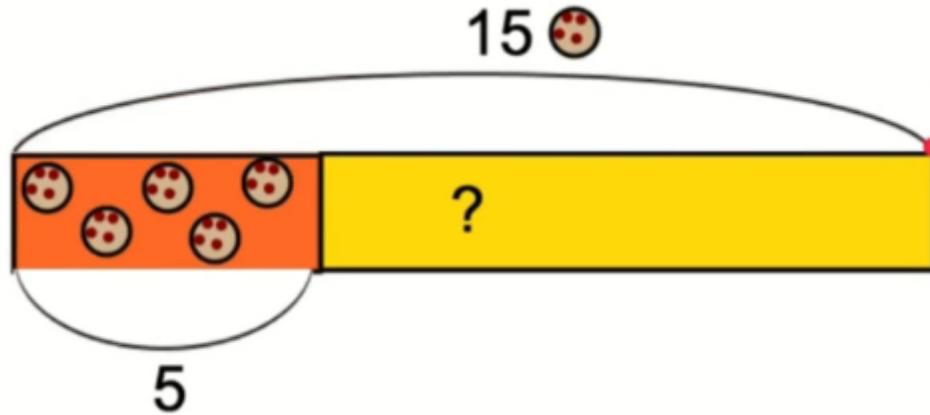
If there were 32 children in the class, how many different ways could you group them equally? Draw arrays to show your understanding and write the matching equation.



# Lesson 4

LO: To solving division problems by grouping

Watch the video first and then complete the questions. Draw a bar model like yesterday to help you.



<https://classroom.thenational.academy/lessons/solving-division-problems-when-grouping-ccvp6r?step=2&activity=video>

1. There are 24 children on the carpet in 6 rows. How many children will be in each row?
2. If there are 24 children on the carpet with only 2 children in each row, how many rows will there be?
3. When 30 children came back in from play they lined up in 5 rows. How many children were in each row?
4. The same 30 children sat in the classroom in 3 rows. How many children were in each row?
5. 24 children went to watch an assembly and they sat in 8 rows. How many children were in each row?

## Lesson 5

LO: To recall multiplication and division facts for the 2, 5 and 10 x tables.

Log in to your Education City account and go to your Classwork Folder. You will see activities dated '27<sup>th</sup> Nov Y3 maths'

There are 6 activities for you to complete today that will help you to recall your multiplication and division facts.

Good luck - I will be checking how you get on with the activities.