

## Year 2 Maths

As we are now giving Maths homework we thought it would be useful to send home examples of methods the children have been taught to solve maths questions. These are not the only methods that can be used but these are the ones that they will be familiar with. The children are not expected to know formal written methods such as column at the moment and are allowed to draw pictures to help their working out.

### Addition

In Year 2 children should be able to quickly calculate addition of 1 digit numbers. To add two 2 digit numbers we encourage children to partition both numbers to add. **Eg- This can also be written as expanded column**

$$42 + 32 =$$

$$40 + 30 = 70$$

$$2 + 2 = 4$$

$$70 + 4 = \underline{74}$$

40	2
+30	2
<hr/>	
70	4
<hr/>	

### Subtraction

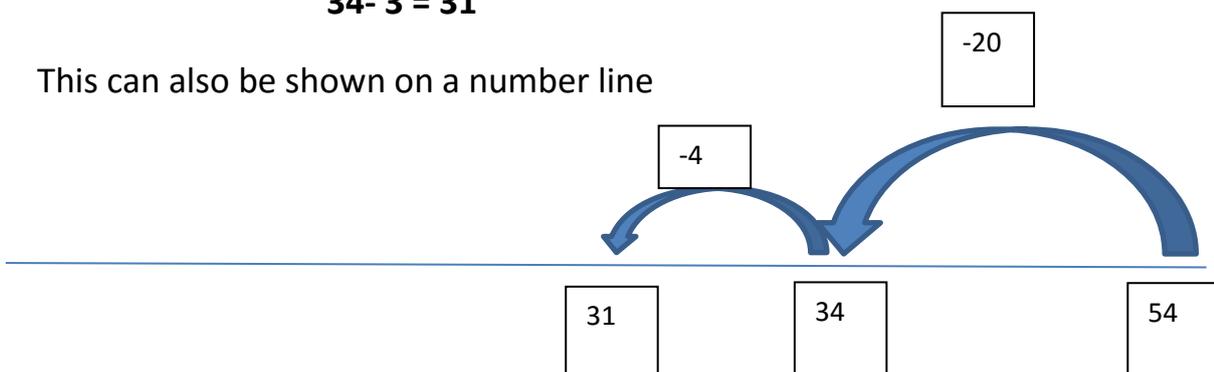
Children should be able to mentally subtract a one digit number from a two digit number.

When subtracting two 2 digit numbers children start with the larger number and partition the smaller number to subtract.

$$\text{Eg. } 54 - 23 = \quad 54 - 20 = 34$$

$$34 - 3 = 31$$

This can also be shown on a number line

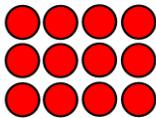


## Multiplication

Children need to know their 2, 5 and 10 times tables and must be able to recall these rapidly without doing any calculating.

For multiplications outside of these tables the children have been taught to use **either** arrays or pictures.

## Arrays

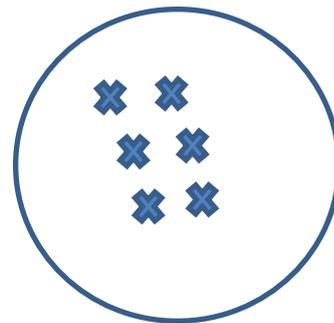
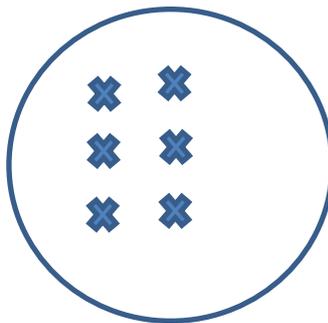
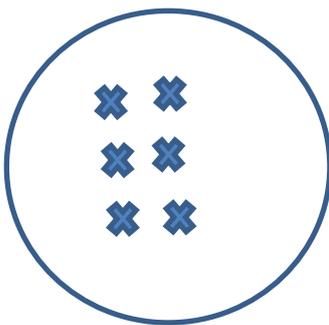


$$3 \times 4 = 12$$

## Pictures

$$3 \times 6 = 3 \text{ lots of } 6$$

$$6 + 6 + 6$$



## Division

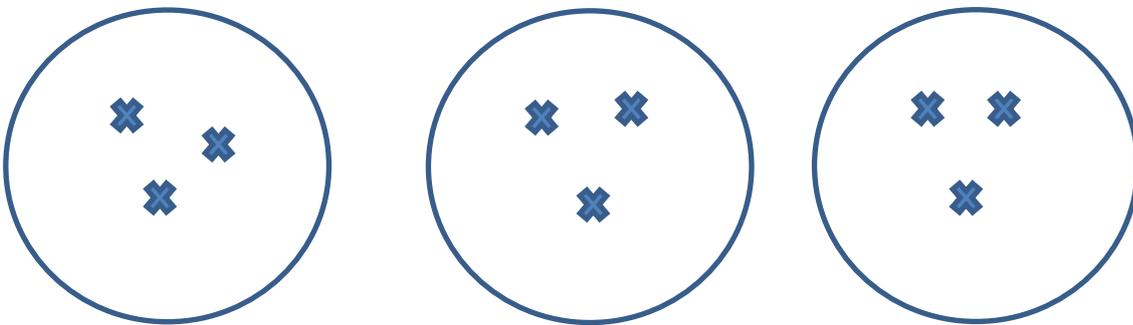
Children should be able to quickly recall all division facts for the **2, 5 and 10** times tables.

For divisions outside of these tables we have used pictorial methods.

Division as sharing.

Aimee has 9 sweets, she shares them between 3 people.

Draw 3 circles. Share out the 9 sweets between the 3 circles. Then count how many are in one circle to find the answer.



Division as grouping.

Kim puts 12 bananas into groups of 3. How many groups does she have?

Draw out 12 bananas. Then circle groups of 3. Count how many groups there are.



We hope this makes things a little clearer and helps you to support your child with their homework. Any issues please contact your child's class teacher.

Thank you for your continued support.

The Year 2 team.

**Mrs Connolly, Mrs Thorne and Miss Price**