

Here is the Maths link for Summer Week 4 <https://whiterosemaths.com/homelearning/year-1/> The website no longer has worksheets for each lesson so we have attached some below for you to print off or use on screen. Please let us know if you have any problems with this.

This week is all about **addition and subtraction**.

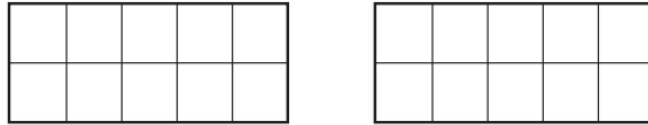
Complete the additions.

Use ten frames to help you.

a)  $8 + 3 = 10 +$

b)  $9 + 7 = 10 +$

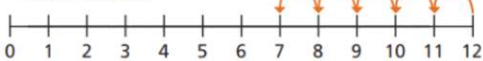
When it says to use a ten frame, you can use egg boxes or draw a grid like this:



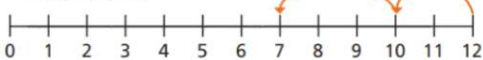
It helps children to see that a sum can be worked out quickly by adding to 10 first.

3 Ron and Eva have worked out  $12 - 5$  on a number line.

Ron's method



Eva's method



a) What is the same and what is different?

b) Use Eva's method to complete the subtractions.

$12 - 6 =$

This shows 2 ways to work it out. Only move onto Eva's method if your child is confident with subtraction. If they need to count each number as they subtract, please allow them to do this first and show them how Eva would do it afterwards. **Both get the correct answer after all!**

Eva has 13 sweets.

Teddy has 6 sweets.

How many more sweets does Eva have than Teddy?

-  =

Eva has  more sweets than Teddy.

In Lesson 3, we need to know that '**how many more**' means difference or **subtraction**. So it's  $13 - 6$  not  $13 + 6$ .

Write  $<$ ,  $>$  or  $=$  to compare the number sentences.

a)  $12 + 3$    $12 - 3$

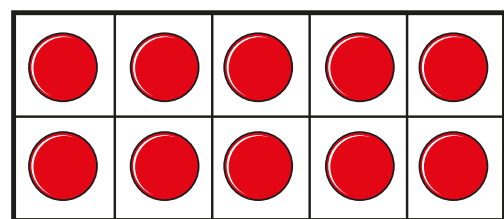
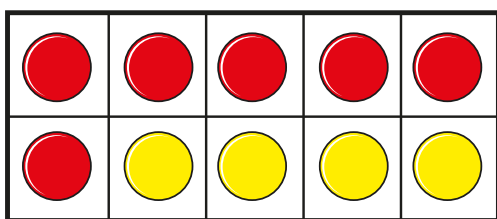
Lesson 4 is **comparing number sentences**. This one means is  $12+3$  (15) **greater (more) than or less than**  $12-3$  (9)? It is greater so we use  $>$

<https://www.youtube.com/watch?v=GQtIUEEeRE> Number Blocks help explain the symbols

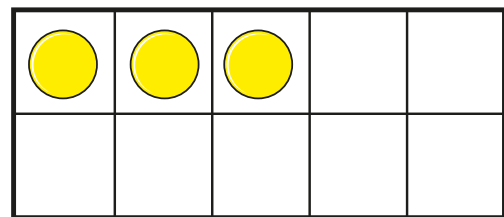
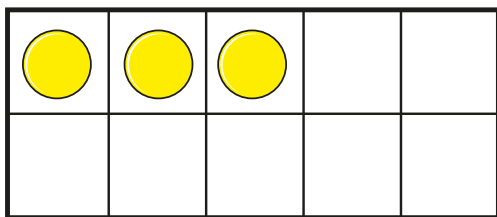
If your child needs a different approach, Number Fun Portal on YouTube is great fun. <https://www.themathsfactor.com/> is free at the moment and has some good stuff too. BBC Bitesize is also very useful for lots of different subjects.

# Add by making 10

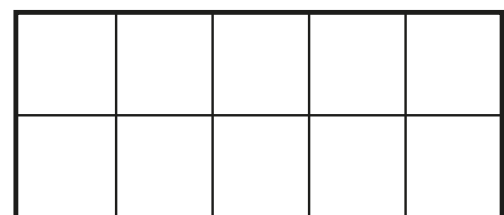
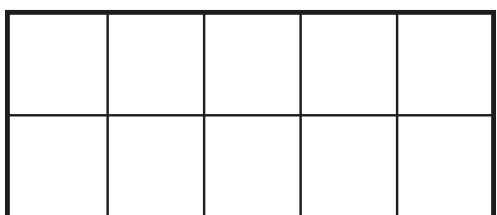
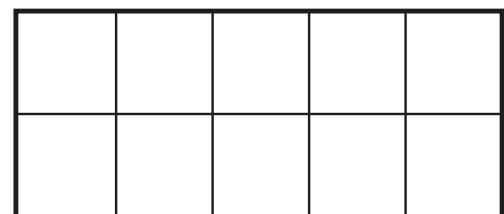
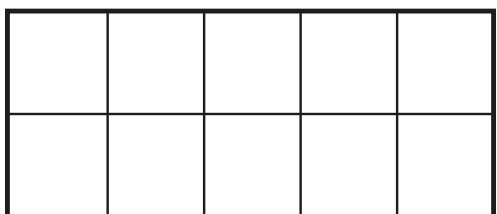
- I** The ten frames show that  $6 + 7$  is the same as  $10 + 3$



=




Draw counters to show that  $5 + 6$  is the same as  $10 + 1$







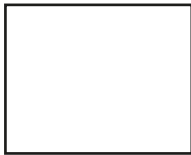
**2** Complete the additions.

Use ten frames to help you.

a)  $8 + 3 = 10 +$  

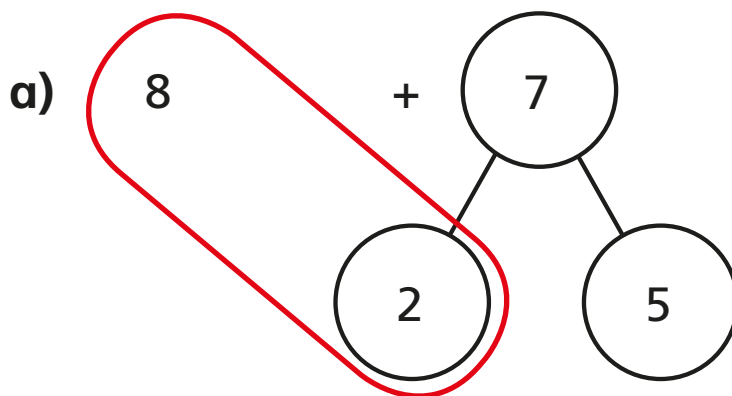
b)  $9 + 7 = 10 +$  

c)  $7 + 5 = 10 +$  

d)  $6 + 8 = 10 +$  

**3** Use number bonds to complete the additions.

The first one has been done for you.



$$10 + 5 = 15$$

b)

$$5 + 8 = 13$$

10 + 3 =

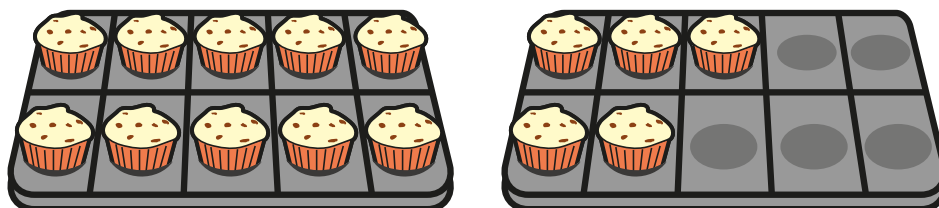
c)

$$6 + 9 = 15$$

+  =

# Subtraction – crossing 10 (1)

- 1 Rosie has 15 cakes.



Her friends eat 6 cakes.

How many cakes does Rosie have left?

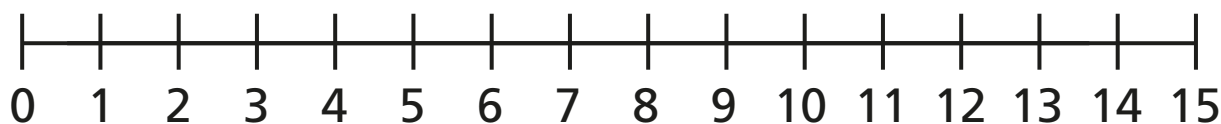
$$\square - \square = \square$$

Rosie has  cakes left.

- 2 Jack has 13 stickers.

He gives 7 stickers to Dora.

How many stickers does Jack have left?



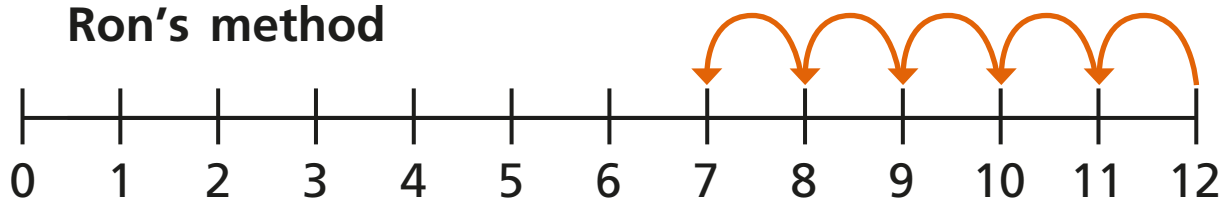
$$\square - \square = \square$$

Jack has  stickers left.

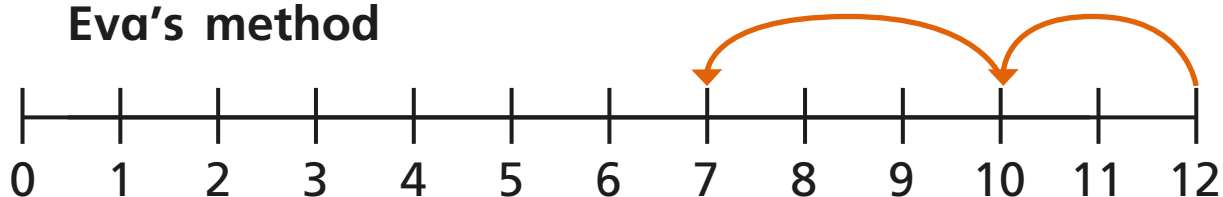
3

Ron and Eva have worked out  $12 - 5$  on a number line.

**Ron's method**



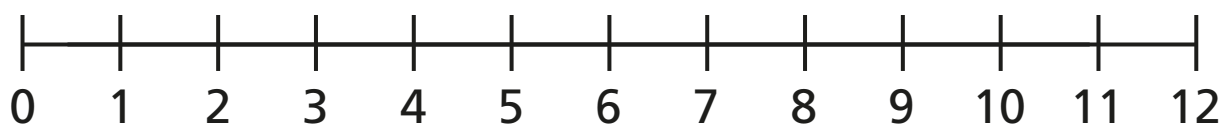
**Eva's method**



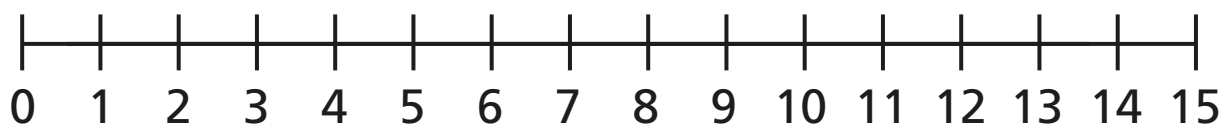
a) What is the same and what is different?

b) Use Eva's method to complete the subtractions.

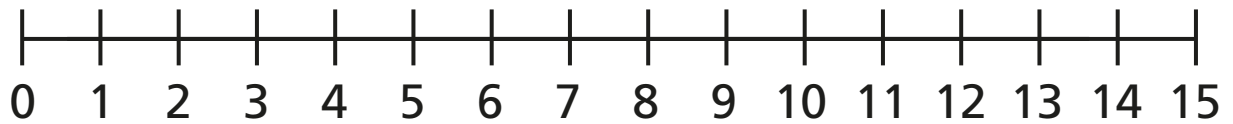
$$12 - 6 =$$



$$15 - 8 =$$

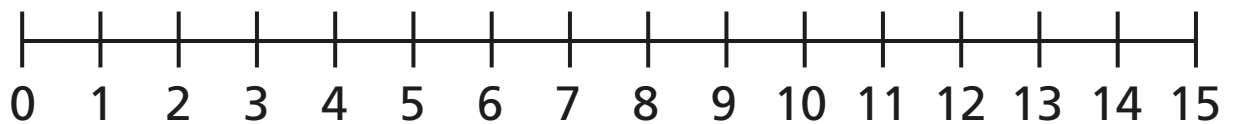


$$14 - 9 = \square$$

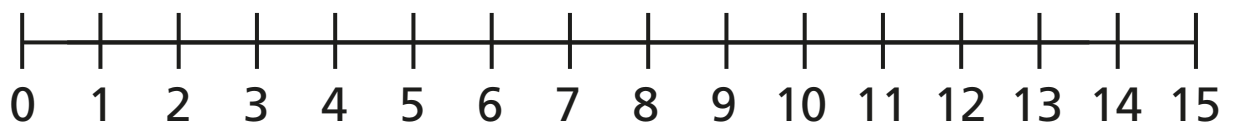


**4** Fill in the missing numbers.

$$14 - \square = 8$$



$$\square - 6 = 7$$





## Subtraction – crossing 10 (2)

- 1 Jack has 11 apples.  
Mo has 5 apples.

Jack	11
Mo	5

How many more apples does Jack have than Mo?

Tick the number sentence that answers the question.

$$11 + 5 = 16$$

$$11 - 5 = 6$$

- 2 Eva has 13 sweets.  
Teddy has 6 sweets.

How many more sweets does Eva have than Teddy?

$$\square - \square = \square$$

Eva has  more sweets than Teddy.



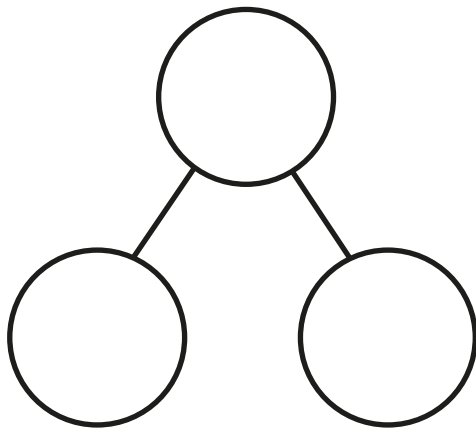
3

There are 17 animals on a farm.

There are 9 horses.

The rest of the animals are sheep.

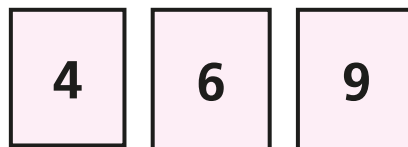
a) How many sheep are there?



$$\square - \square = \square$$

There are  $\square$  sheep.

4



a) Choose two cards to complete the subtraction.

$$\begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

b) How many different subtractions can you make?

Work out the answer to each one.





# Compare number sentences

- I** Draw counters to show each addition.  
Use two different colours.

a)

$9 + 3$



b)

$6 + 7$



c)

$11 + 2$



- d) Write the missing phrase.

less than

greater than

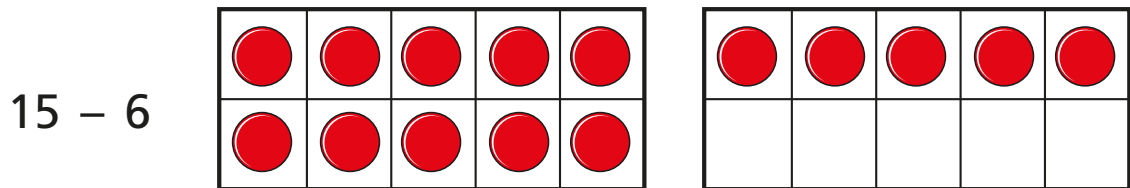
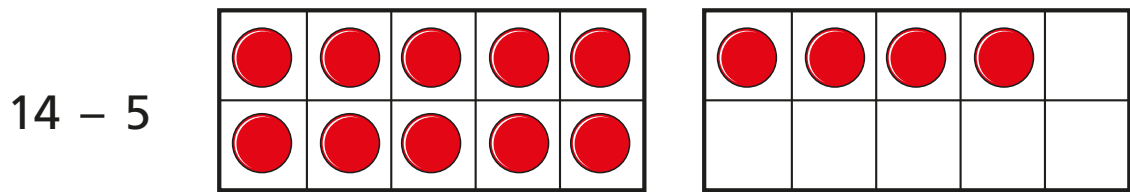
equal to

$9 + 3$  is \_\_\_\_\_  $6 + 7$

$11 + 2$  is \_\_\_\_\_  $9 + 3$

$6 + 7$  is \_\_\_\_\_  $11 + 2$

**2** Cross out counters to show each subtraction.



Write the missing phrase.

less than

greater than

equal to

$14 - 5$  \_\_\_\_\_  $15 - 6$

**3** Write  $<$ ,  $>$  or  $=$  to compare the number sentences.

a)  $12 + 3$  ○  $12 - 3$

b)  $17 - 4$  ○  $17 - 6$

c)  $13 + 6$    $6 + 13$

d)  $14 - 4$    $1 + 0$

Did you have to work them all out?



**4** Complete the number sentence.

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

How many ways can you complete the number sentence?