

Maths Home Learning

Week beginning 21/3/21

This week...

Day 1 - Mental Maths - Times tables

Day 2 - Number Bonds

Day 3 - Addition

Day 4 - Subtraction

Day 5 - Mixed questions

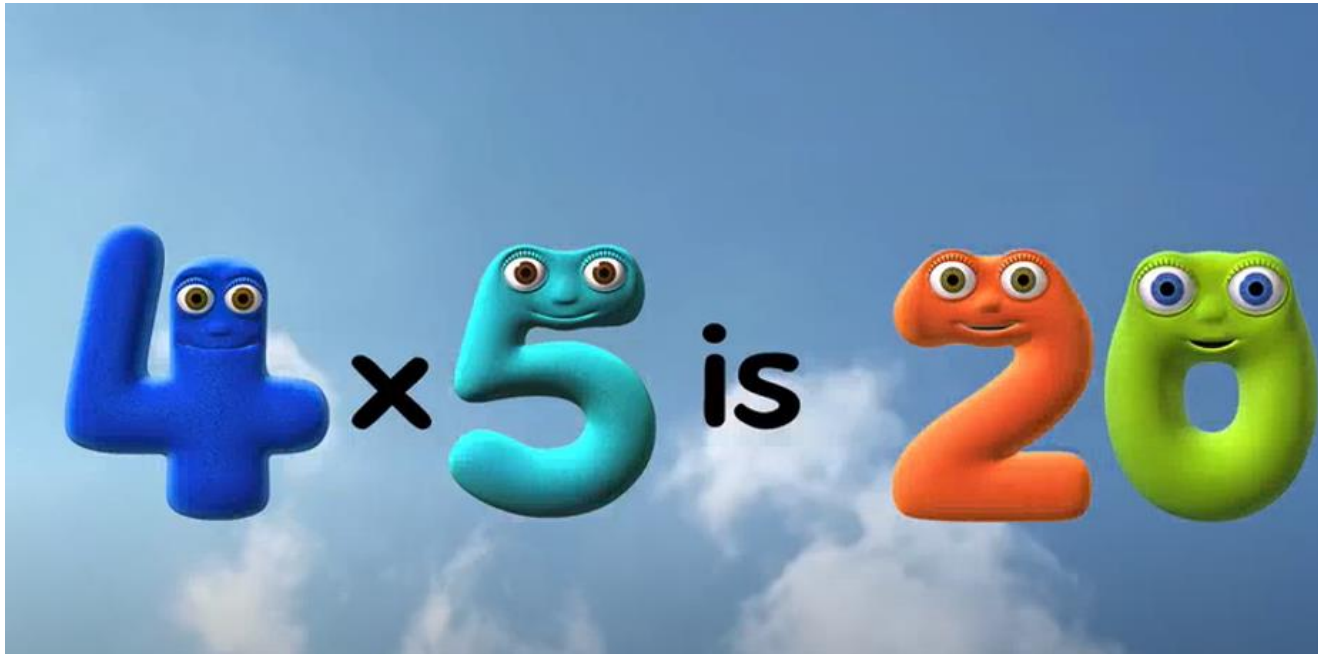
Day 1

Mental Maths

Times Tables

Arithmetic

Let's remind ourselves how to work out our times tables.



Click the link [5 Times tables](#)

I do -

When you are solving a number sentence you can use mental maths methods to help you solve it!

For example ...

Step 1: Get 8 fingers ready



The image shows the multiplication equation $8 \times 5 = 40$. The number 8 is blue, the number 5 is black, and the result 40 is green. A red arrow points from the text 'Step 1: Get 8 fingers ready' to the number 8. A blue arrow points from the text 'Step 2: You are going to count in 5's' to the number 5.

Step 2: You are going to count
In 5's.

Step 3: You are going to count in 5's
8 times.

We do -

$$6 \times 5 =$$

Step 1: Get 6 fingers ready.

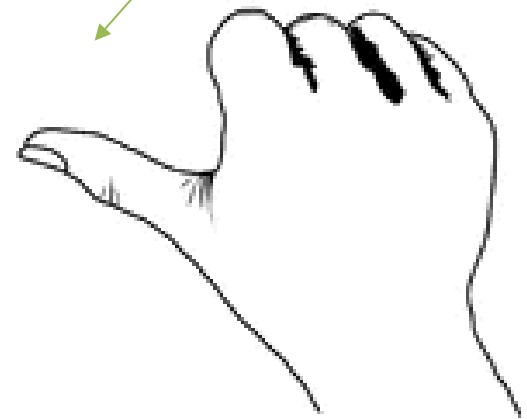
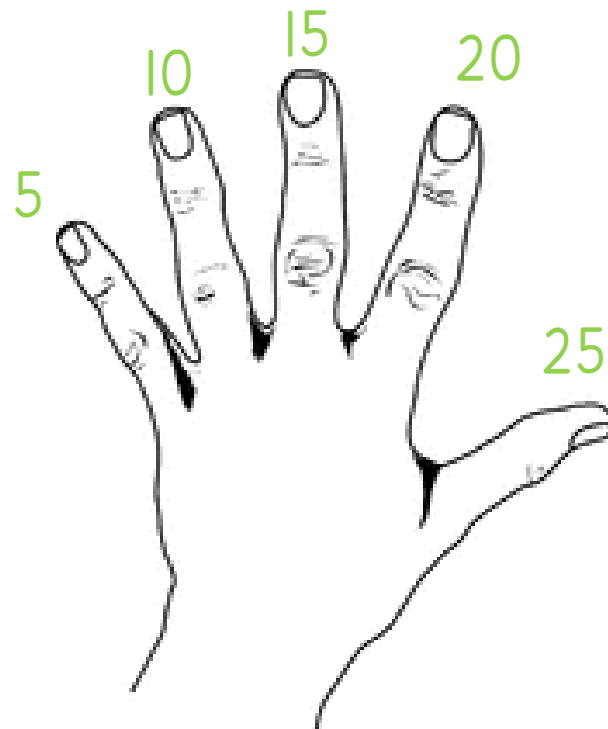
Step 2: You are going to count in 5's.

Step 3: Count in 5's 6 times.

Let's see if you got the right answer

$$6 \times 5 = 30$$

6 fingers ready.
Start counting in 5's



This is your answer

You do -

Now it's your turn 5x table

Work these out using the same method in your home learning books

$2 \times 5 =$

$1 \times 5 =$

$9 \times 5 =$

$6 \times 5 =$

$5 \times 5 =$

$7 \times 5 =$

How did you do? -

$$2 \times 5 = 10$$

$$1 \times 5 = 5$$

$$9 \times 5 = 45$$

$$6 \times 5 = 30$$

$$5 \times 5 = 25$$

$$7 \times 5 = 35$$

You do -

Now it's your turn 10 x table

Work these out using the same method in your home learning books

$2 \times 10 =$

$1 \times 10 =$

$9 \times 10 =$

$6 \times 10 =$

$5 \times 10 =$

$7 \times 10 =$

How did you do? -

$$2 \times 10 = 20$$

$$1 \times 10 = 10$$

$$9 \times 10 = 90$$

$$6 \times 10 =$$

60

$$5 \times 10 = 50$$

$$7 \times 10 =$$

70

Day 2

Number Bonds

Arithmetic

Let's practise our 2x

$1 \times 2 =$

$2 \times 2 =$

$3 \times 2 =$

$4 \times 2 =$

$5 \times 2 =$

$6 \times 2 =$

$7 \times 2 =$

$8 \times 2 =$

$9 \times 2 =$

$10 \times 2 =$

Number Bonds

- **Number bonds** are a pair of numbers that add up to make another specific number. They are sometimes called **number pairs**.
- They can show you how numbers join together and how they break down into different parts.

Watch this video to find out more about number bonds.

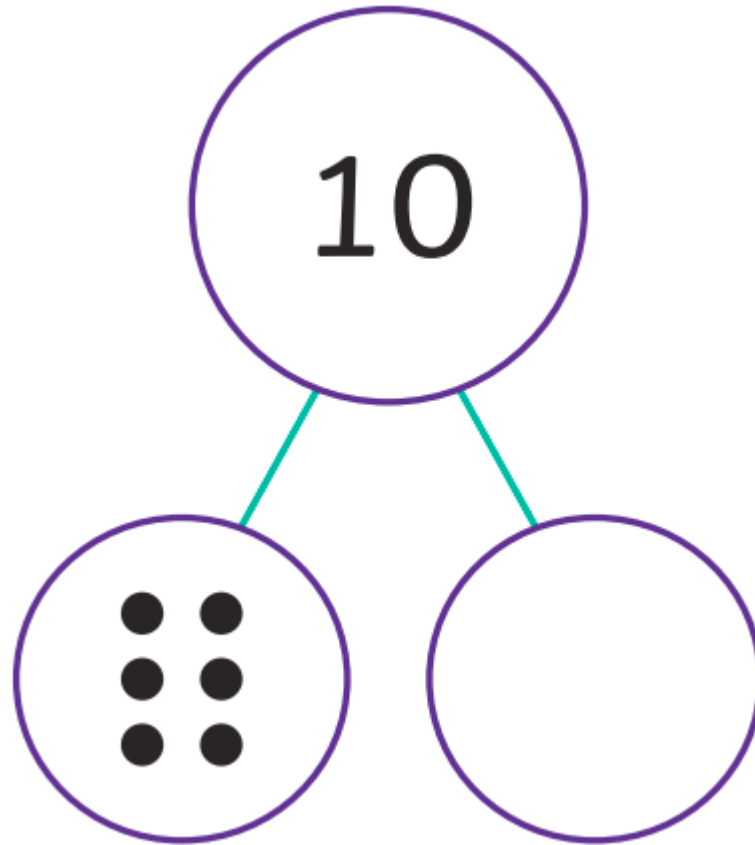
- [Number bonds to 10 and 20 - Year 2 - P3 - Maths - Home Learning with BBC Bitesize - BBC Bitesize](#)

For example, the number bonds to 10 are pairs of numbers that can be added together to make 10.

- $0 + 10$
- $1 + 9$
- $2 + 8$
- $3 + 7$
- $4 + 6$
- $5 + 5$

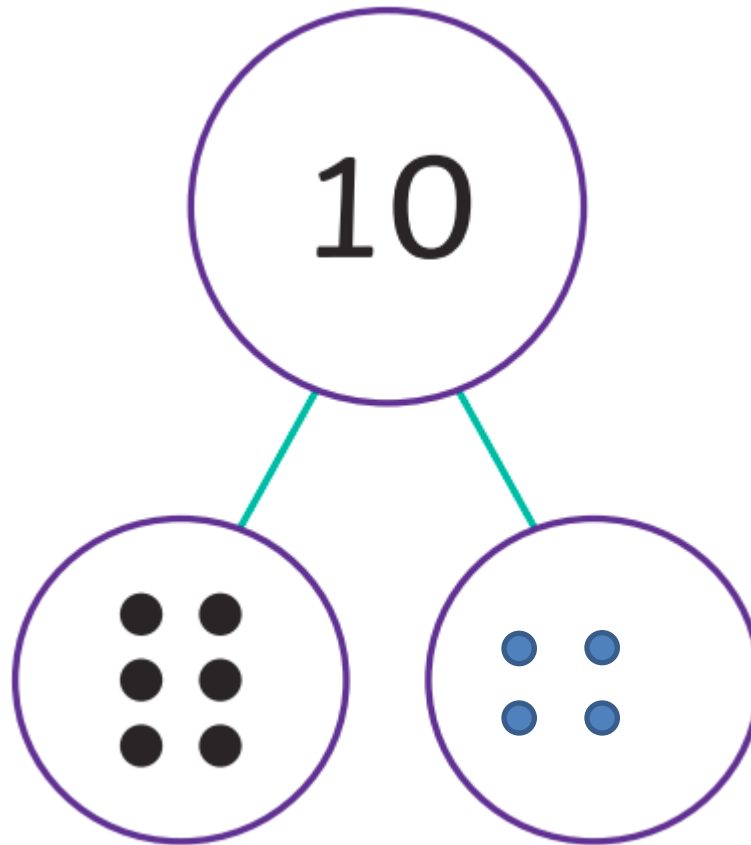
2 parts making 10

I do -

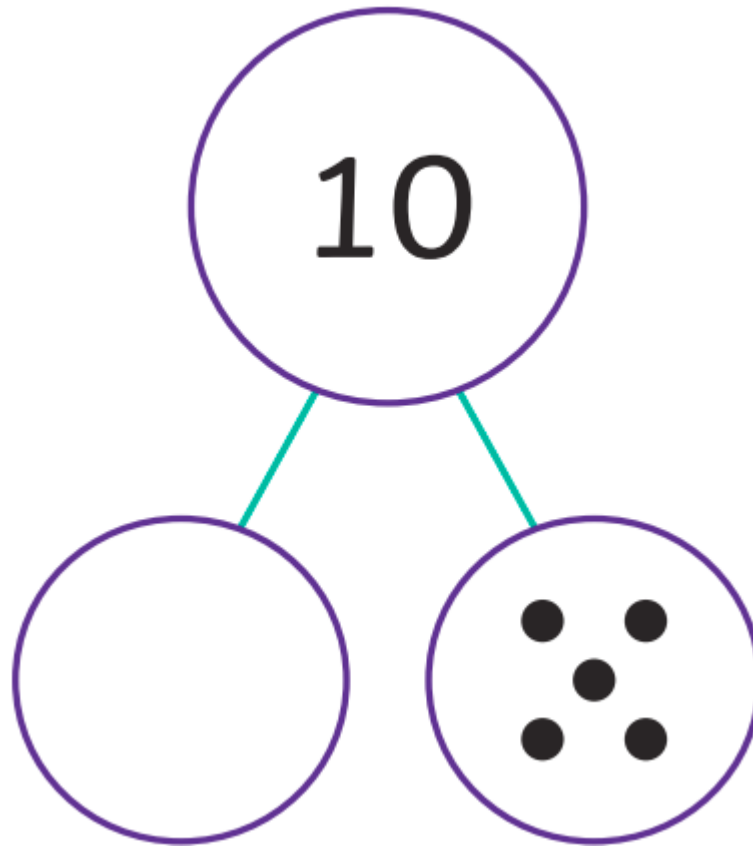


2 parts making 10

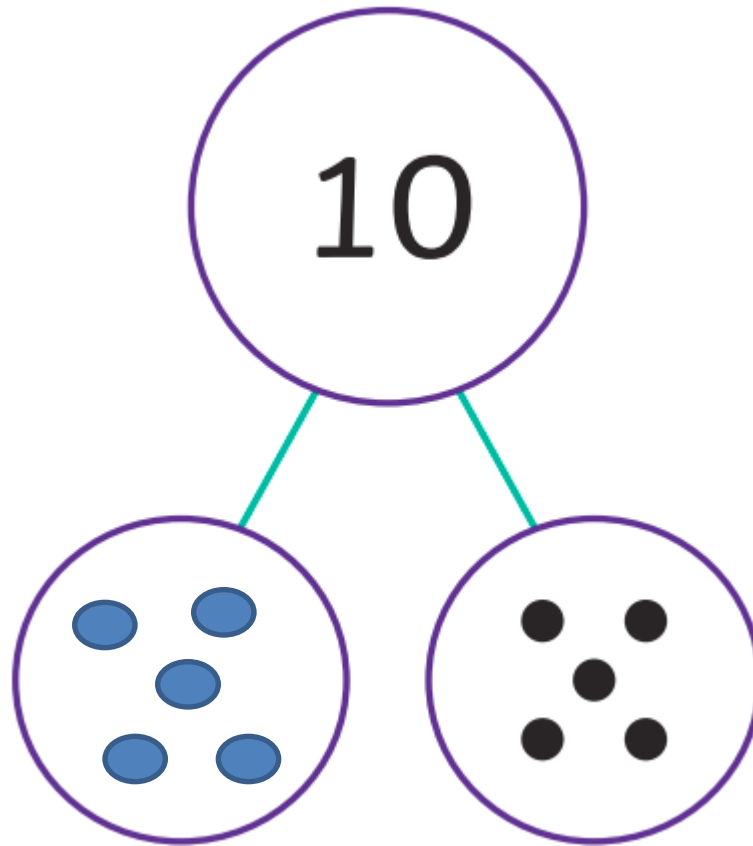
I do -



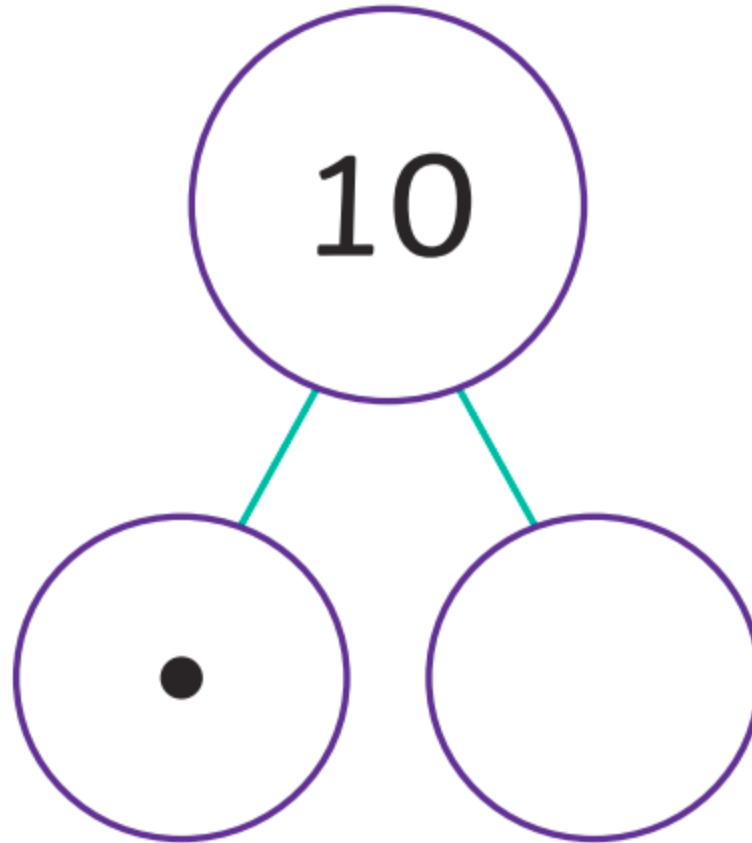
Draw the circles in your home learning books including the dots then work out how many more you need to add by drawing them in the empty circle.



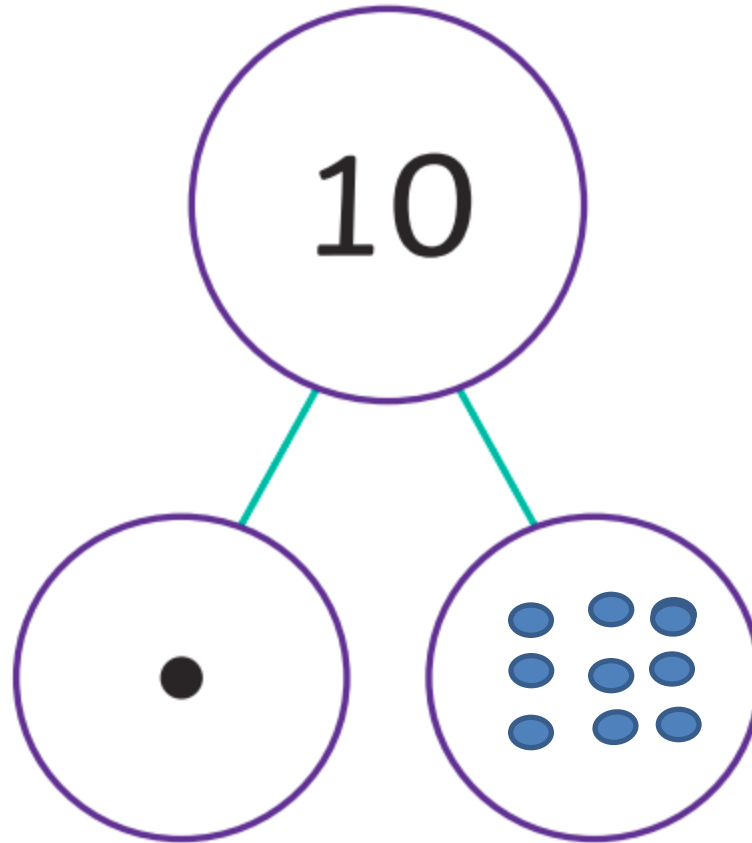
Draw the circles in your home learning books including the dots then work out how many more you need to add by drawing them in the empty circle.



Now try this one.



How did you do?



Day 3
Addition

Arithmetic

Let's practise our 5x

$1 \times 5 =$

$2 \times 5 =$

$3 \times 5 =$

$4 \times 5 =$

$5 \times 5 =$

$6 \times 5 =$

$7 \times 5 =$

$8 \times 5 =$

$9 \times 5 =$

$10 \times 5 =$

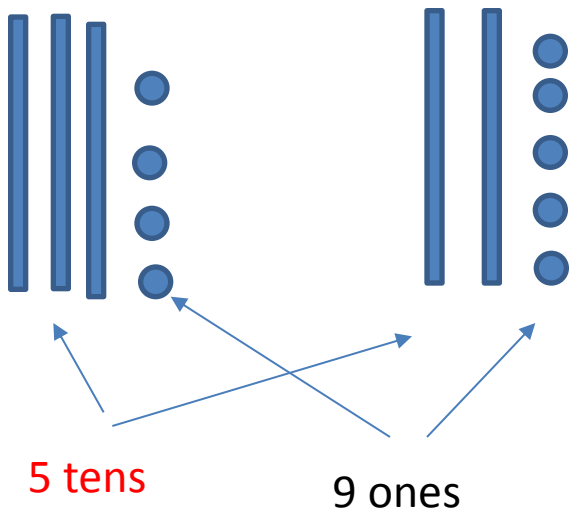
Addition

It is important to keep practicing addition.

$$\begin{array}{r} \text{T} \quad \text{O} \quad \text{T} \quad \text{O} \\ \hline 2 \quad 2 \quad + \quad 1 \quad 1 = 33 \end{array}$$

I do -

$$\begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 3 & 4 \\ \hline \end{array} + \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 2 & 5 \\ \hline \end{array} = 59$$



I have used base 10 to help me work out the answer.

CHALLENGE: What other methods could we use?

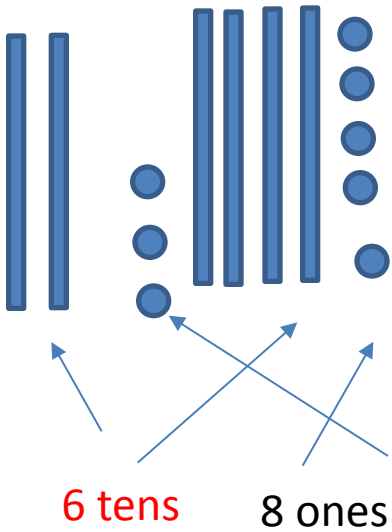
we do -

$$\begin{array}{r|l} \text{T} & \text{O} \\ \hline 2 & 3 \\ + & \\ \hline \end{array}$$

$$\begin{array}{r} \text{T} & \text{O} \\ 4 & 5 \end{array}$$

$$= 68$$

CHALLENGE ANSWER:
We could use column
addition.



$$\begin{array}{r} + \\ \begin{array}{r|l} \text{T} & \text{O} \\ \hline 2 & 3 \\ 4 & 5 \\ \hline 6 & 8 \\ \hline \end{array} \end{array}$$

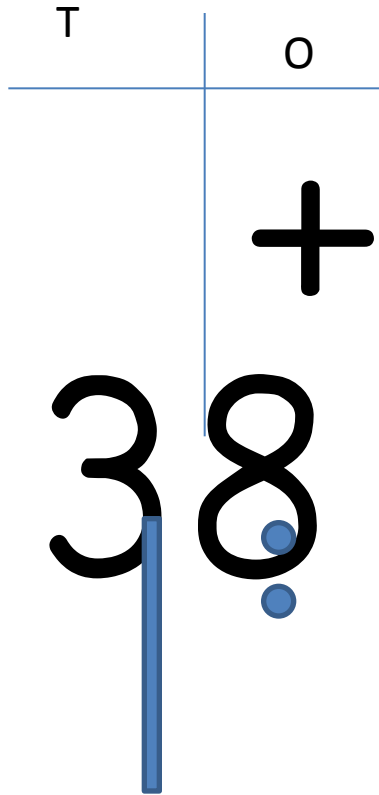
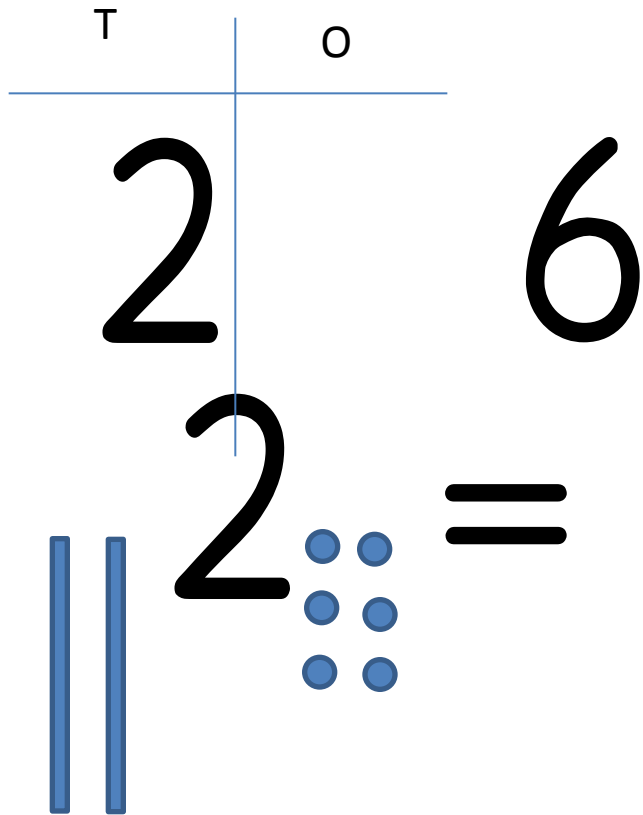
you do -

$$26 + 12 =$$

You can use Base 10 :Remember to draw your tens and ones.

You can use column addition.

How did you do?



1

Now it's your turn to
answer these questions
in your learning books.

Hot

$$6 + 2 =$$
$$5 + 3 =$$
$$7 + 2 =$$

Hotter

$$32 + 24 =$$
$$53 + 22 =$$
$$61 + 34 =$$

On Fire

$$123 + 232 =$$
$$352 + 237 =$$
$$262 + 536 =$$

How did you do?

Hot

$$6 + 2 = 8$$

$$5 + 3 = 8$$

$$7 + 2 = 9$$

Hotter

$$32 + 24 = 56$$

$$53 + 22 = 75$$

$$61 + 34 = 95$$

On Fire

$$123 + 232 = 355$$

$$352 + 237 = 589$$

$$262 + 536 = 798$$

Day 4

Subtraction

Arithmetic

Let's practise our 10 x

$$1 \times 10 =$$

$$2 \times 10 =$$

$$3 \times 10 =$$

$$4 \times 10 =$$

$$5 \times 10 =$$

$$6 \times 10 =$$

$$7 \times 10 =$$

$$8 \times 10 =$$

$$9 \times 10 =$$

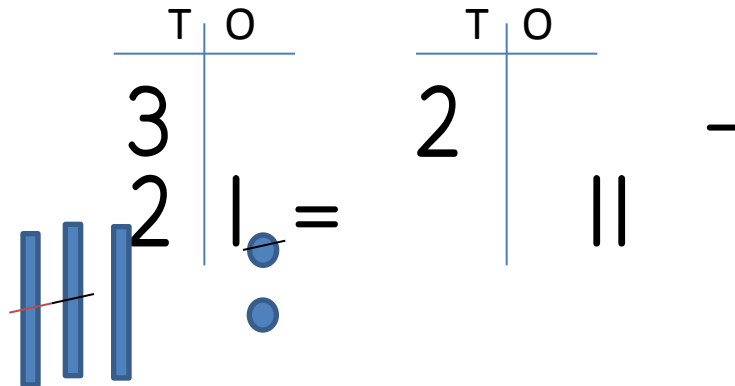
$$10 \times 10 =$$

I do -

$$32 - 21 = 11$$

This shows I have
1 ten left and
1 one.

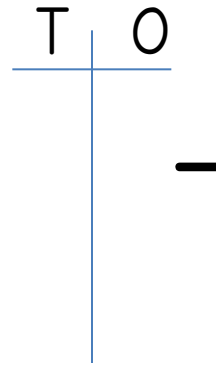
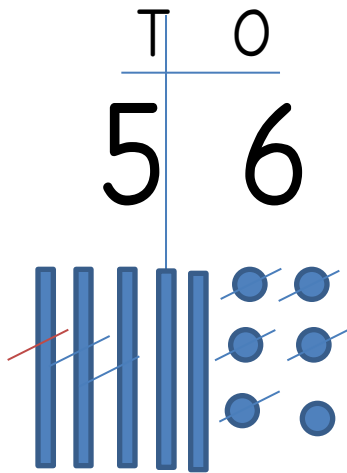
The answer is 11.



We do -

$$56 - 35 = 21$$

Remember to cross them out clearly so you can count the tens and ones left over.



35

You do -

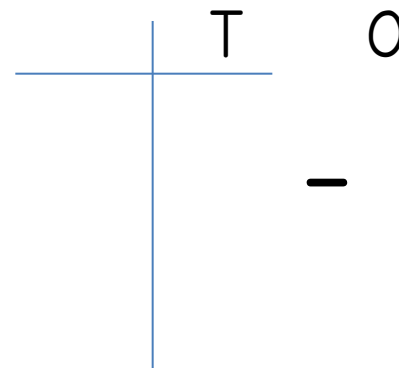
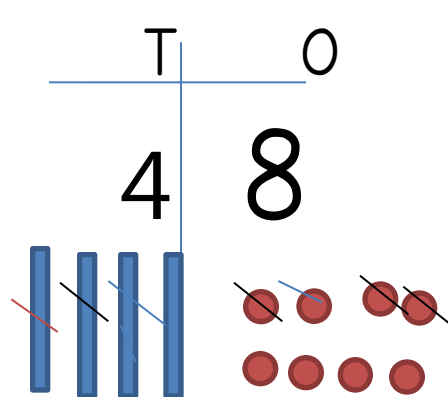
$$48 - 34 =$$

Remember to draw your Tens and Ones clear

Then takeaway your ones then your tens.

Let's see if you are right...

$$48 - 34 = 14$$



Now it's your turn

In your home learning books complete these

$$\begin{array}{r} 10 - 8 = \\ 15 - 11 = \\ 27 - 22 = \\ 36 - 25 = \\ 59 - 13 = \\ 48 - 26 = \end{array}$$

Remember to draw your tens and ones.

How did you do?

$$10 - 8 = 2$$

$$15 - 11 = 4$$

$$27 - 22 = 5$$

$$36 - 25 = 11$$

$$59 - 13 = 46$$

$$48 - 26 = 22$$

Remember to draw your tens and ones.

Day 5

Mixed questions

Let's practise our times
tables from this week

Complete these in your home learning books

$2 \times 5 =$

$4 \times 2 =$

$1 \times 5 =$

$9 \times 5 =$

$2 \times 2 =$

$0 \times 2 =$

$5 \times 5 =$

$7 \times 2 =$

$10 \times 2 =$

$1 \times 5 =$

$10 \times 5 =$

$6 \times 2 =$

Let's practise our times
tables from this week

Complete these in your home learning books

$$2 \times 5 = 10$$

$$4 \times 2 = 8$$

$$1 \times 5 = 5$$

$$9 \times 5 = 45$$

$$2 \times 2 = 4$$

$$0 \times 2 = 0$$

$$5 \times 5 = 25$$

$$7 \times 2 = 14$$

$$10 \times 2 = 20$$

$$1 \times 5 = 5$$

$$10 \times 5 = 50$$

$$6 \times 2 = 12$$

I do - Mixed addition and subtraction.

Look carefully to see what the question is asking you. Is it an addition or a subtraction?

Example:

$12 + 5 =$ this is an addition because it uses the sign +

$12 - 5 =$ this is a subtraction because it uses the sign -

Once you have decided that, you can work out the answer.

We do -

$$35 - 12 =$$

Is this an addition or a subtraction?

How will you work out the answer?

Now it's your turn!

In your home learning books complete these questions.

Remember to decide if it is an addition or a subtraction first.

Next work out the answers using tens and ones.

If you get stuck, look back at the work we have done this week.

HOT:

$$7 + 2 =$$

$$9 - 5 =$$

$$12 - 5 =$$

HOTTER:

$$36 - 11 =$$

$$36 - 22 =$$

$$36 + 21 =$$

ON FIRE:

$$84 + 35 =$$

$$56 - 42 =$$

$$92 - 44 =$$

$$63 + 25 =$$

How did you do?

HOT:

$$7 + 2 = 9$$

$$9 - 5 = 4$$

$$12 - 5 = 7$$

HOTTER:

$$36 - 11 = 25$$

$$36 - 22 = 14$$

$$36 + 21 = 57$$

ON FIRE:

$$84 + 15 = 99$$

$$56 - 42 = 14$$

$$94 - 42 = 52$$

$$63 + 25 = 88$$