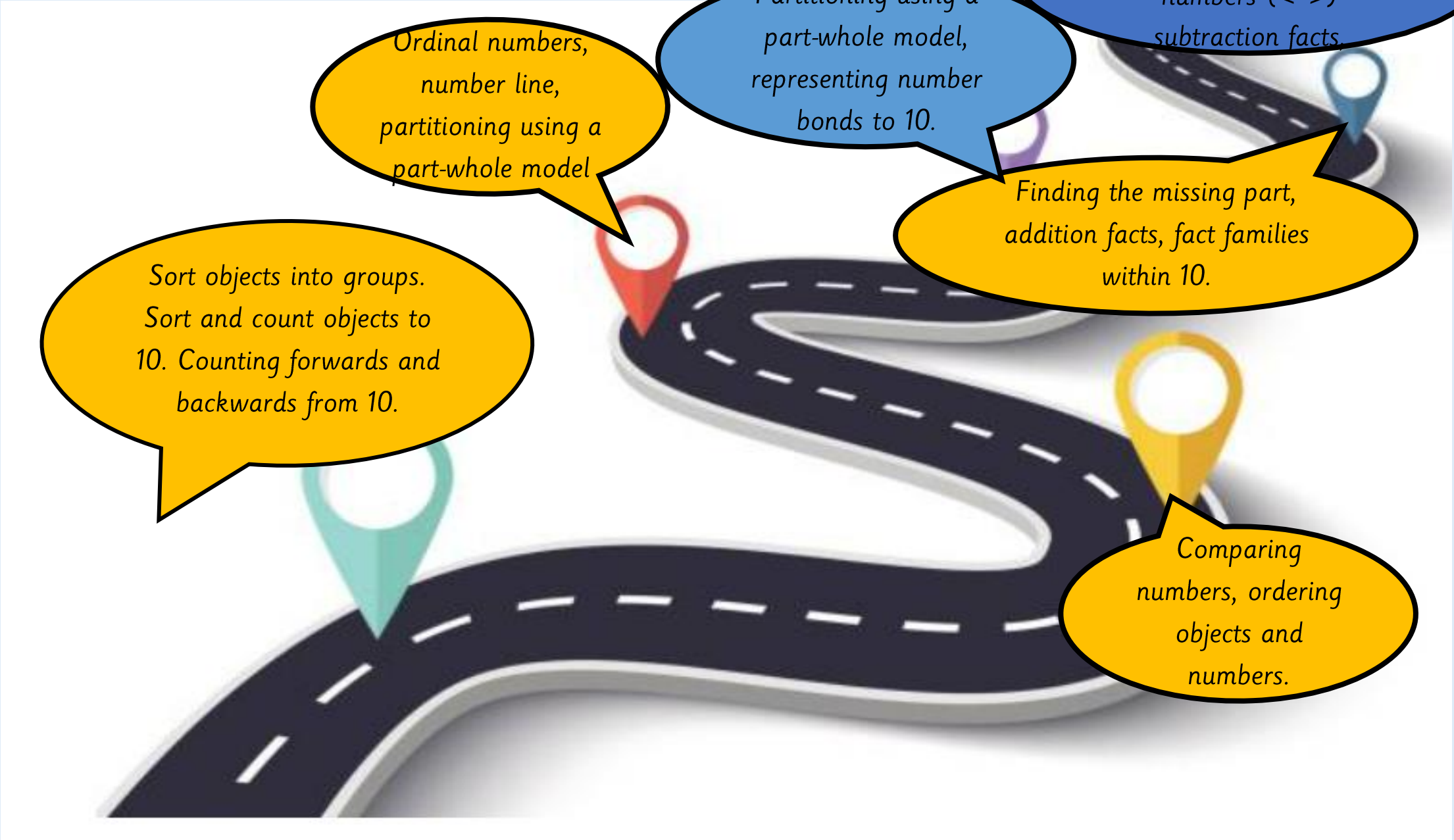


Our maths Learning Journey



Key vocabulary:





- 10
- 20
- twenty
- Ten
- Numbers
- Counting
- Number bonds
- Patterns
- Shapes
- Square
- Triangle
- Circle
- Rectangle
- 2D shapes


Monday 6th October 2025




Number bonds to 10.

What is this called?

TP: _____ and _____ makes 10.

Challenge: Write the number sentence to match.



L.Q: Can I find and represent number bonds to 10?

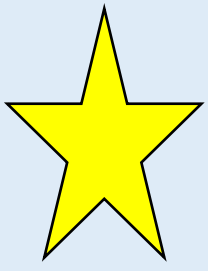
Steps to success



I can represent and use number bonds to 10

I can recall number bonds to 10 and represent them in a ten frame and a part-whole model.

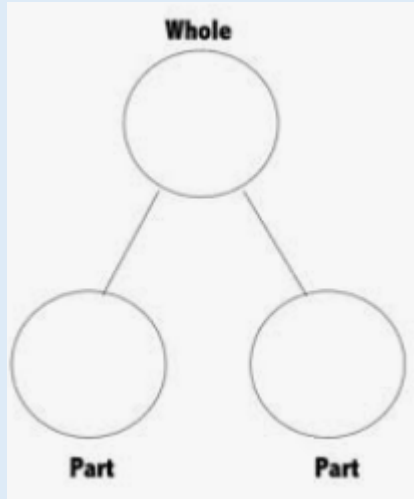
I can use my knowledge of number bonds to 10 to answer missing-number problems.



Star words



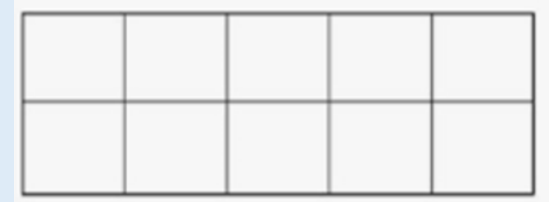
part- whole model



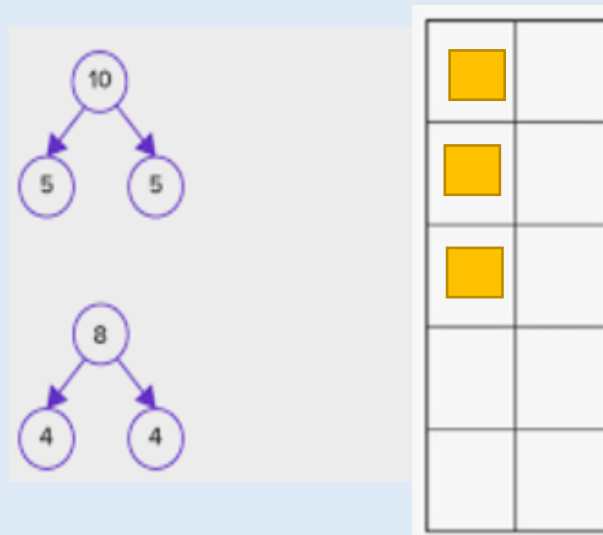
number sentence

$$3 + 4 = 7$$

tens frame



number bonds



equal to

=

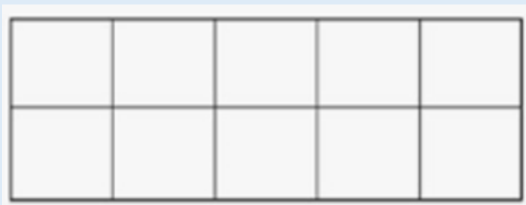
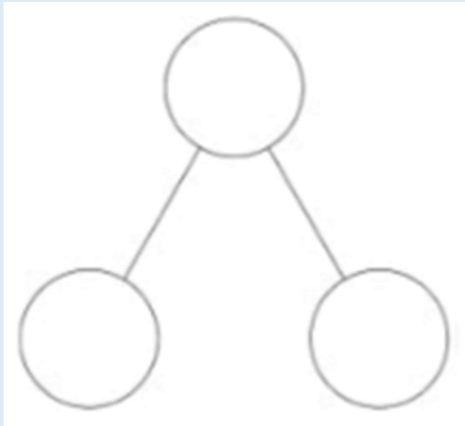
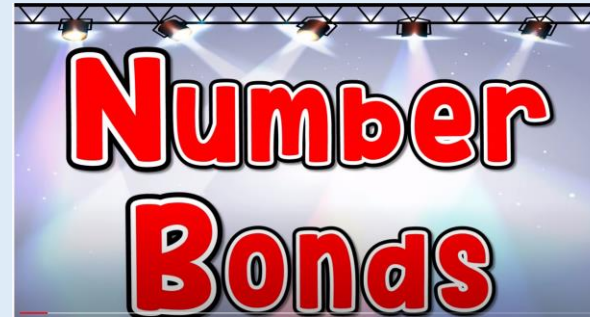


plus

+



<https://www.youtube.com/watch?v=ID9tjBUiXs0>



Do you remember what this is?

L.Q: Can I find and represent number bonds to 10?

let's find the 2 parts and the whole.

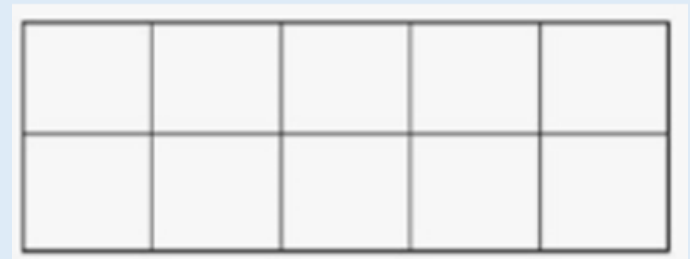
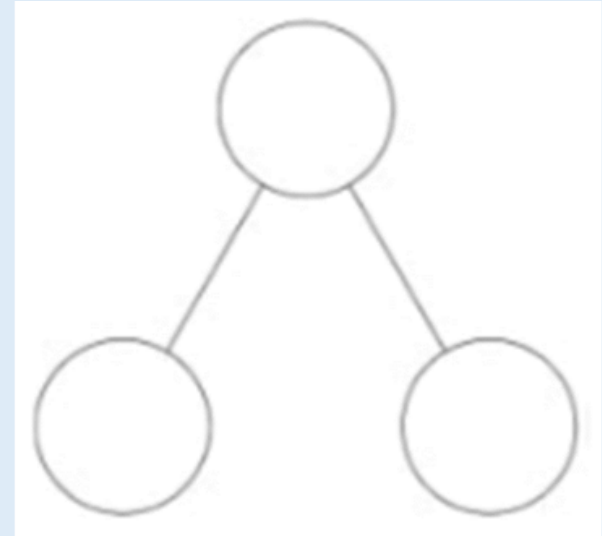


What is the parts?

TP: The parts are _____
and _____.

What is the whole?

TP: The whole is _____.



TP: _____ and _____ makes _____.

What is the parts?

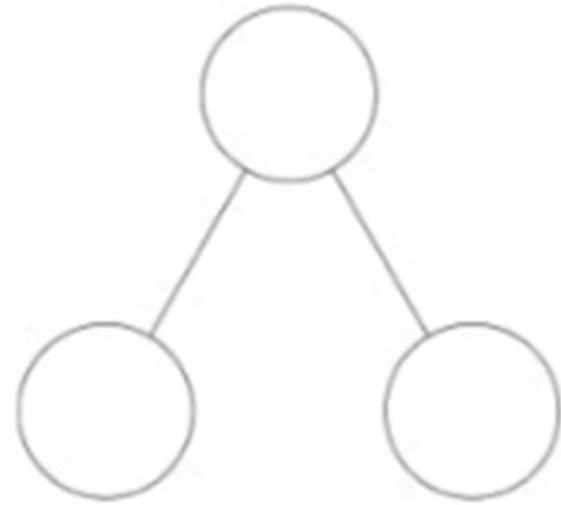
TP: The parts are _____
and _____.

What is the whole?

TP: The whole is _____.

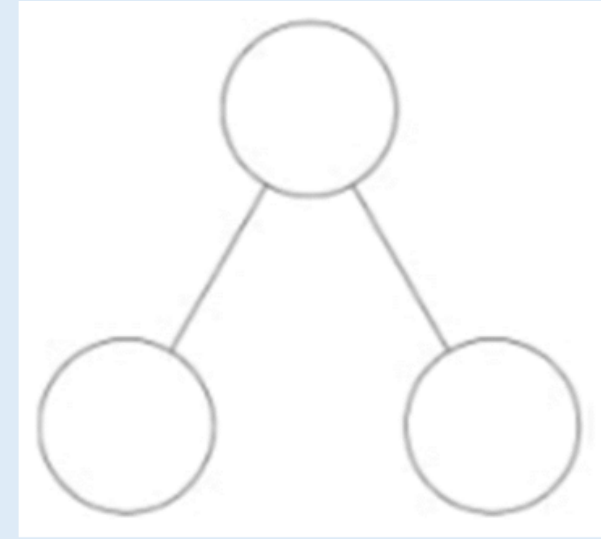
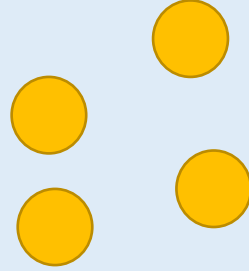
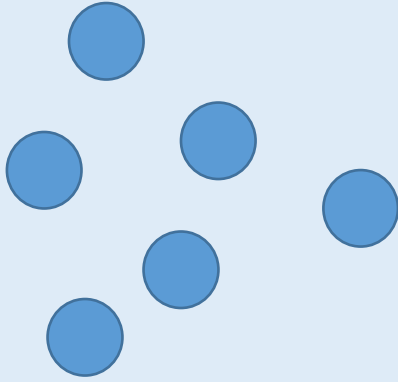


+ = 10
  were hit.



TP: _____ and _____ makes _____.

L.Q: Can I find and represent number bonds to 10?

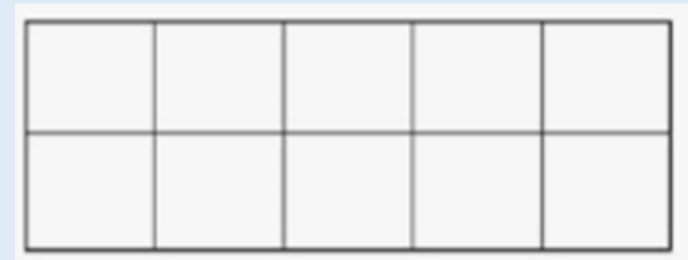


What is the parts?

TP: The parts are _____
and _____.

What is the whole?

TP: The whole is _____.



TP: _____ and _____ makes _____.

Self Assessment

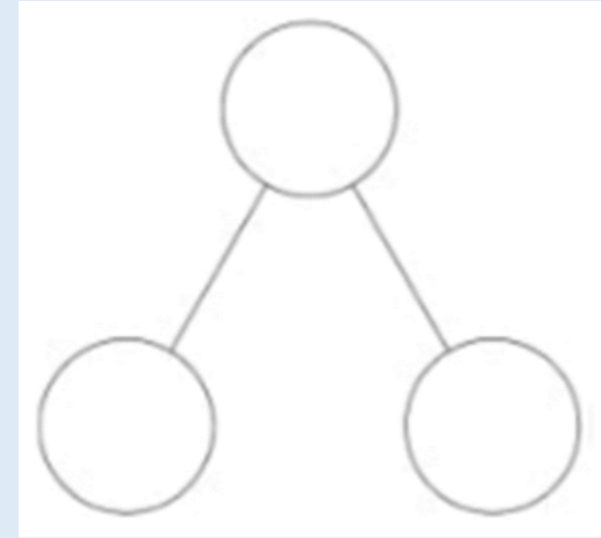
Do you understand how to find and represent number bonds to 10?



L.Q: Can I find and represent number bonds to 10?

10

Partition 10 into 2
parts.

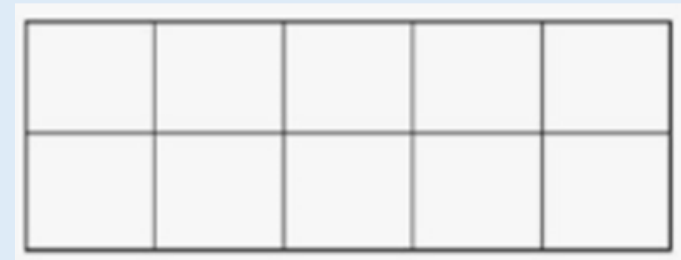


What is the parts?

TP: The parts are _____
and _____.

What is the whole?

TP: The whole is _____.



TP: _____ and _____ makes _____.

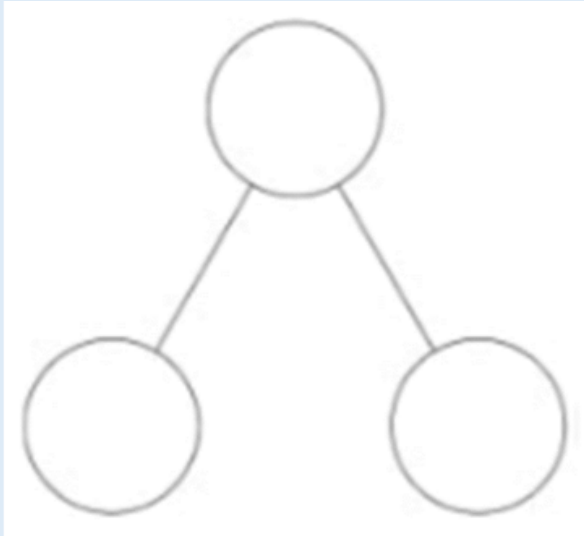
Self Assessment

Do you understand how to find and
represent number bonds to 10?



L.Q: Can I find and represent number bonds to 10?

Your task



$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + 8 = 10$$

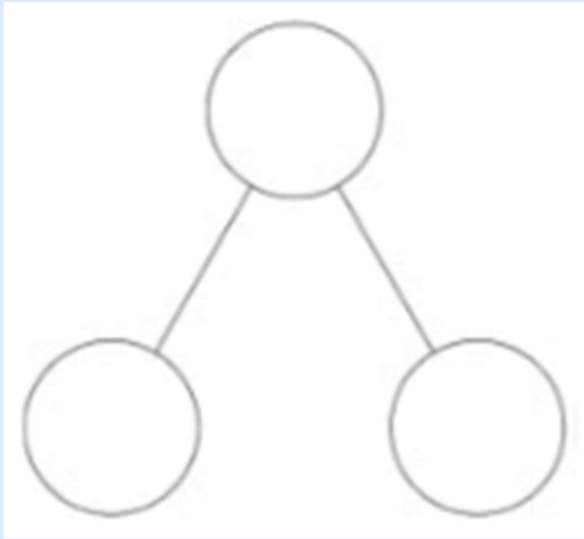
Complete your number bonds to 10 and show it in the part whole model/tens frame.

Self Assessment

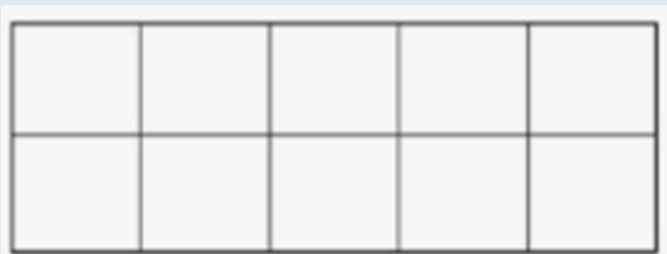
Do you understand the task?



Tuesday 7th October 2025



Partition 10 into 2 parts.



TP: One **part** is _____.

TP: One **part** is _____.

TP: The **whole** is _____.



L.Q: Can I find and represent number bonds to 10?

Steps to success



I can represent and use number bonds to 10.

I can recall number bonds to 10 and represent them in a ten frame and a part-whole model.

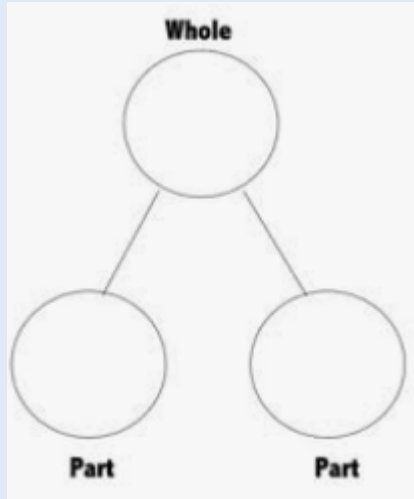
I can answer missing-number problems.



Star words



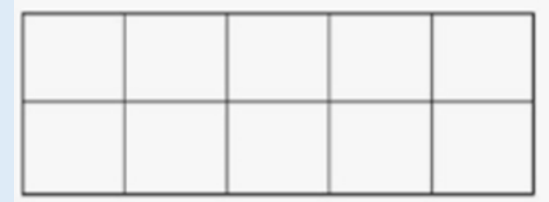
part- whole model



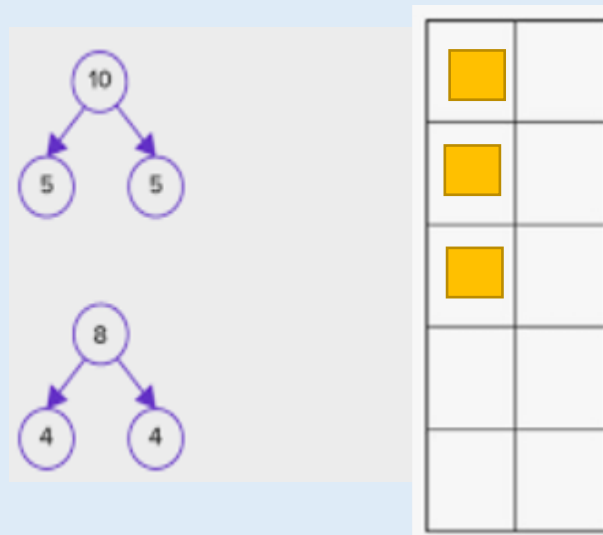
number sentence

$$3 + 4 = 7$$

tens frame

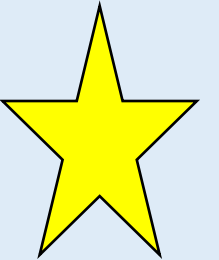


Number bonds



equal to

=



plus

+



L.Q: Can I find and represent number bonds to 10?

<https://www.topmarks.co.uk/maths-games/hit-the-button>



Now that we have practiced, can you tell your partner a number bond to 10!

TP: _____ and _____ makes 10.

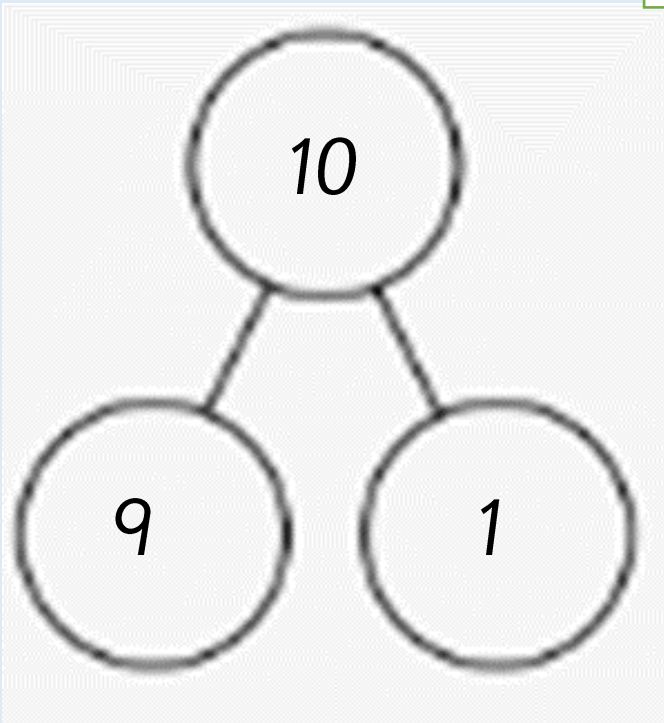
L.Q: Can I find and represent number bonds to 10?

Nicole has made a part whole model showing a number bond to 10.

TP: What is the parts?

TP: What is the whole?

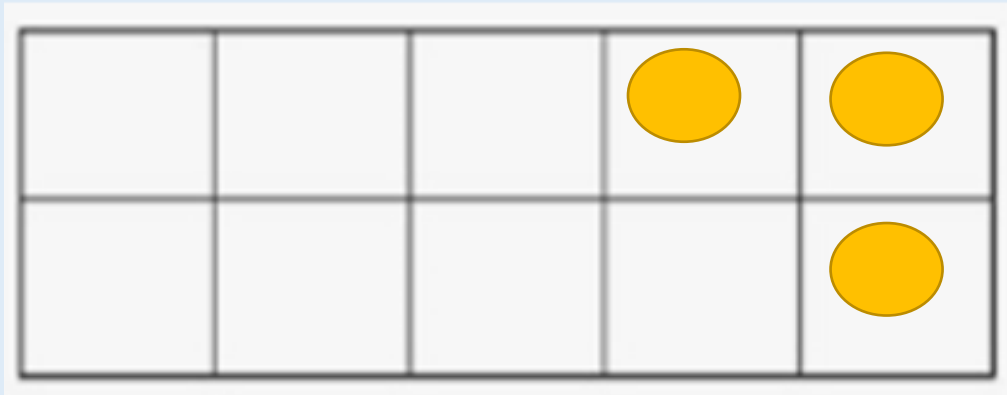
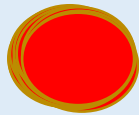
TP: ____ and ____ makes ____.



How do I show it in a tens frame?
How do I show it in a number sentence?

Help us to find number bonds to 10

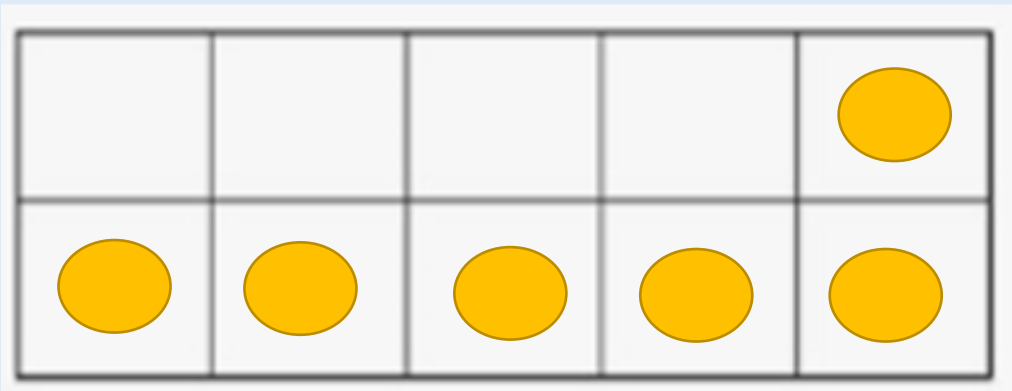
Drag the red counters



$$3 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

TP: and makes .



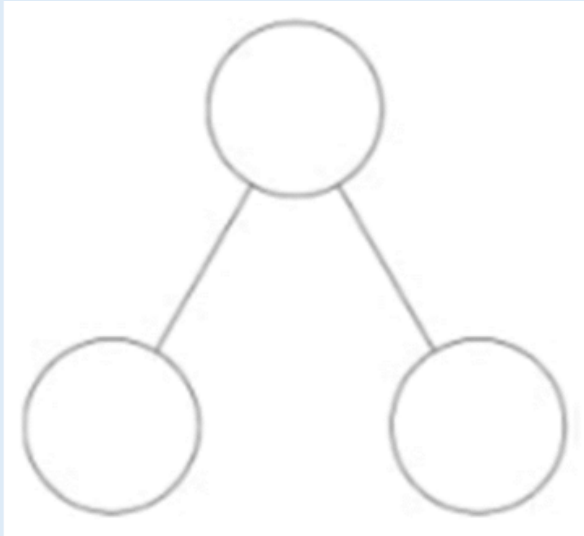
Self Assessment

Do you understand how to find and represent number bonds to 10?



L.Q: Can I find and represent number bonds to 10?

Your task



$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + 8 = 10$$

Complete your number bonds to 10 and show it in the part whole model/tens frame.

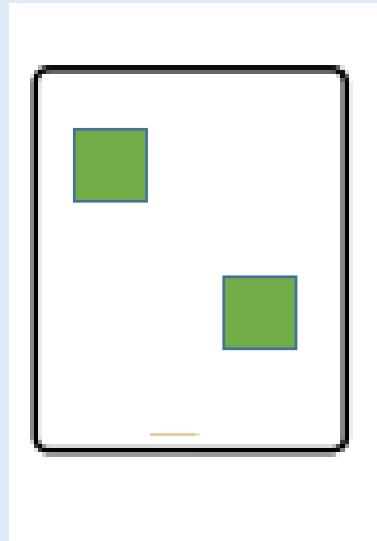
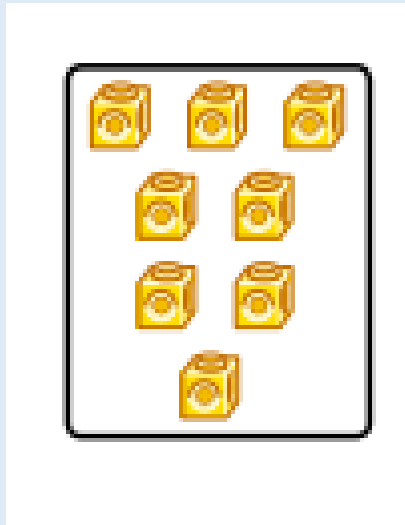
Self Assessment

Do you understand the task?

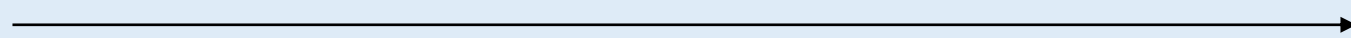


Wednesday 8th October 2025

Count and order from **smallest** number first



Smallest number



largest number



L.Q: Can I find and represent number bonds to 10?

Steps to success



I can represent and use number bonds to 10.

I can recall number bonds to 10 and represent them in a ten frame and a part-whole model.

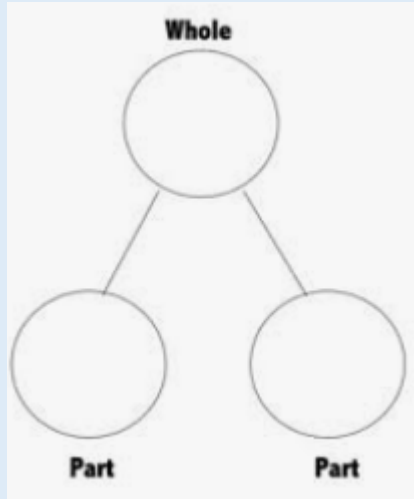
I can answer missing-number problems.



Star words



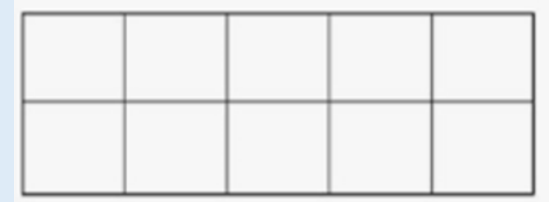
part- whole model



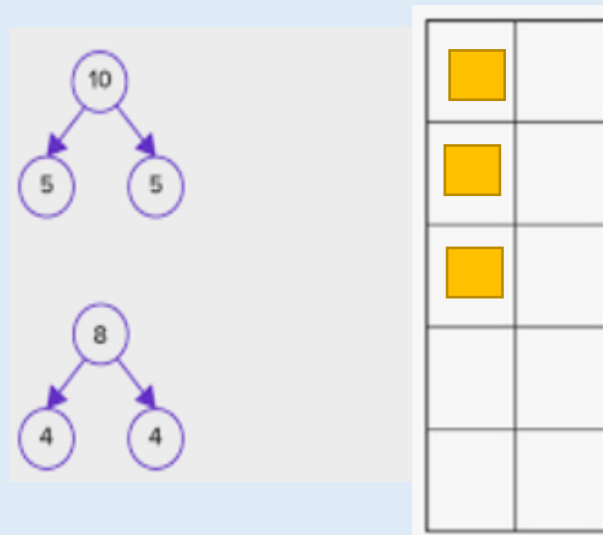
number sentence

$$3 + 4 = 7$$

tens frame



number bonds



equal to

=



plus

+

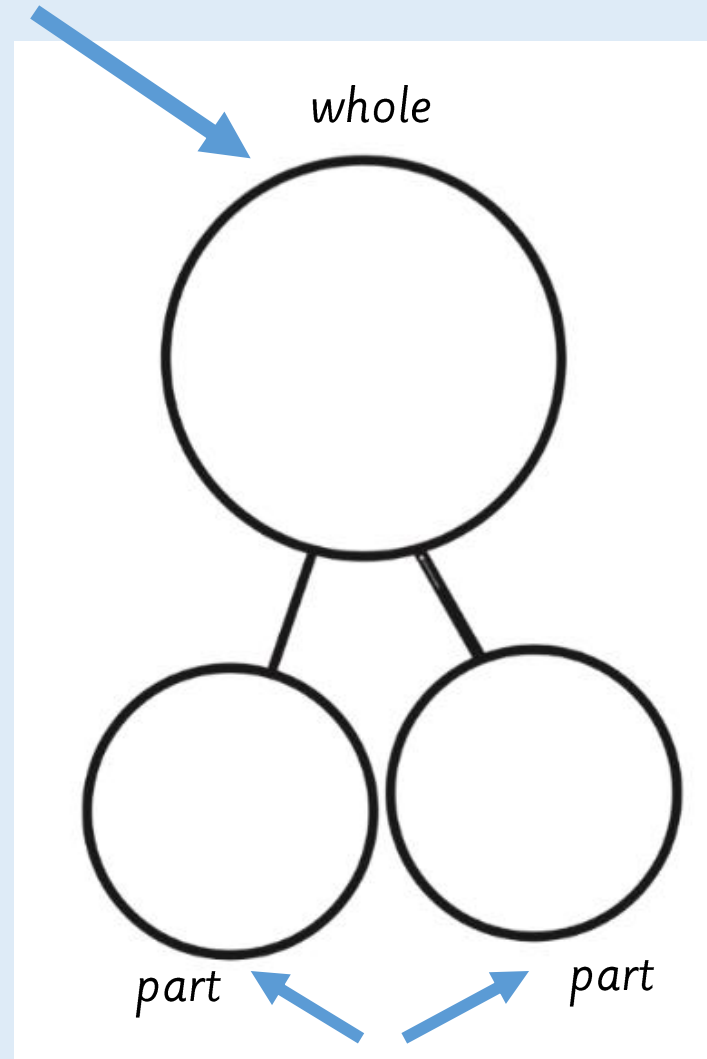


L.Q: Can I find and represent number bonds to 10?

What is this called?

08.10.2025

The whole is the biggest number and is the total of the parts.



The two parts add together to make the whole.

It is important the numbers are in the correct place otherwise it does not make sense.

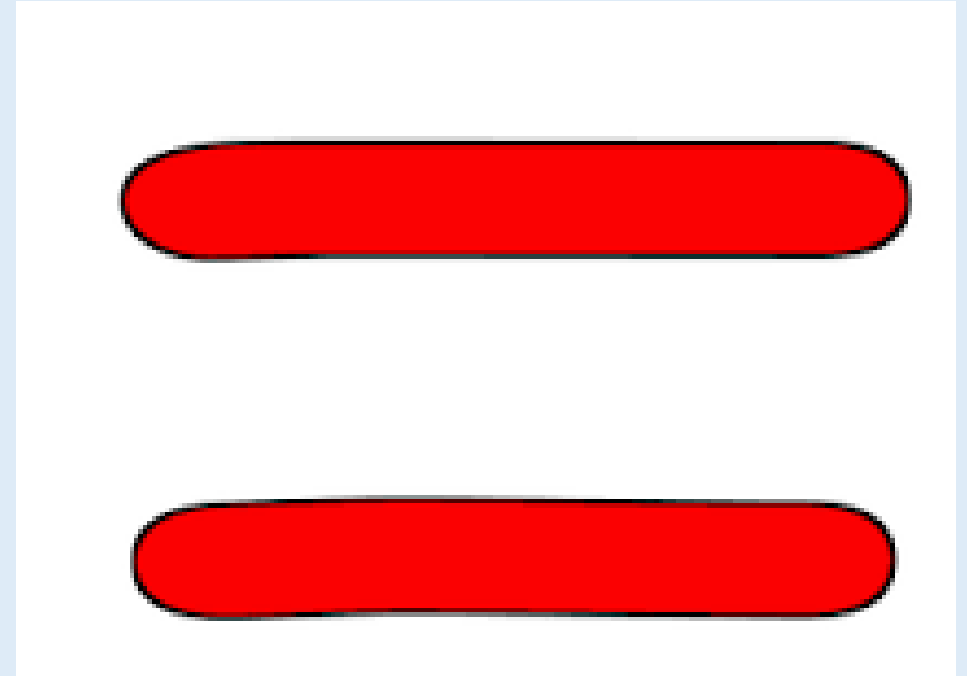
Have you seen these two signs before?

What do they mean?



When you combine two or more numbers together.

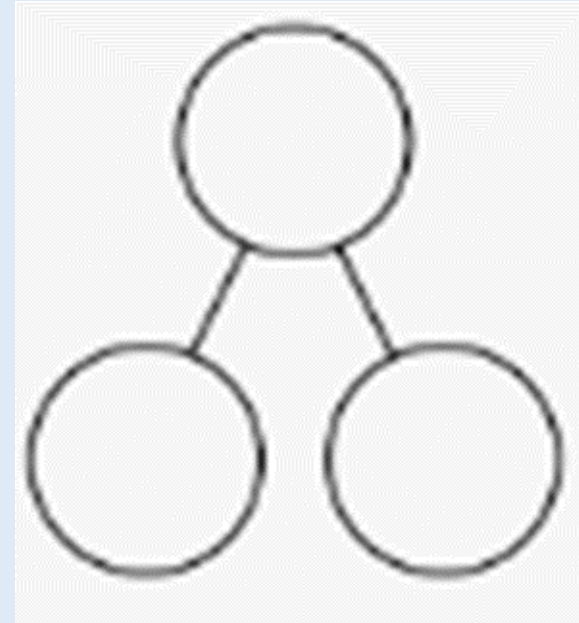
$$1 + 1$$



The end values totaled together.

$$1+1 \text{ together} = 2$$

How many children are there?



TP: There are _____ children altogether.

TP: One part has _____.

TP: The other part has _____.

TP: The whole is _____.

Can we write it as a number sentence?



TP: One part has _____.

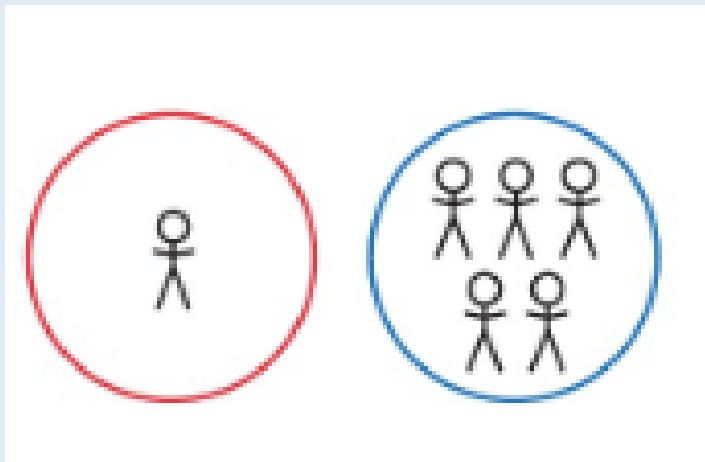
TP: The other part has _____.

TP: The whole is ____.

TP: _____ and _____ makes _____.

Can we write it as a number sentence?

L.Q: Can I find and represent number bonds to 10?



TP: One part has _____.

TP: The other part has
_____.

TP: The whole is _____.

TP: _____ and _____ makes _____.

Can we write it as a number sentence?

Self Assessment

Do you understand how to find and represent number bonds to 10



Your task



Part, whole, partition, equal to, add, equal to, number



1. Complete these tens frames and write the number sentence to match.

_____	+	_____	=
-------	---	-------	---

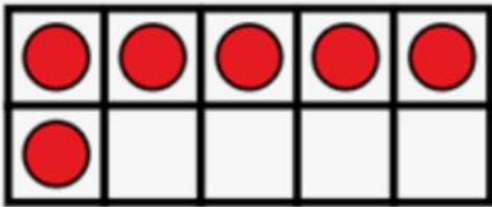
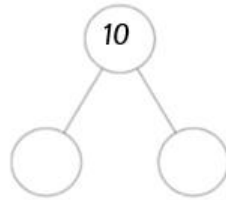
2. What do you add to 10 to make 10?



$10 + \underline{\quad\quad} = 10$

You have to add _____ to 10 because _____.

3. Partition 10 into 2 parts to create a number bond to 10.

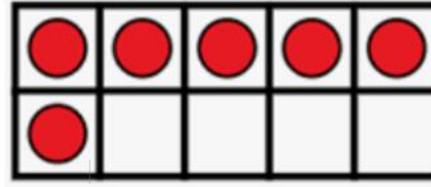


_____ + _____ =



_____ + _____ =

Today worked in a small group to explore number bonds to 10 in a tens frame. We counted the counters in the tens frame and worked out how many more parts we needed to make 10. As a challenge we wrote the number sentence to match.



_____ + _____ =



_____ + _____ =

Self Assessment

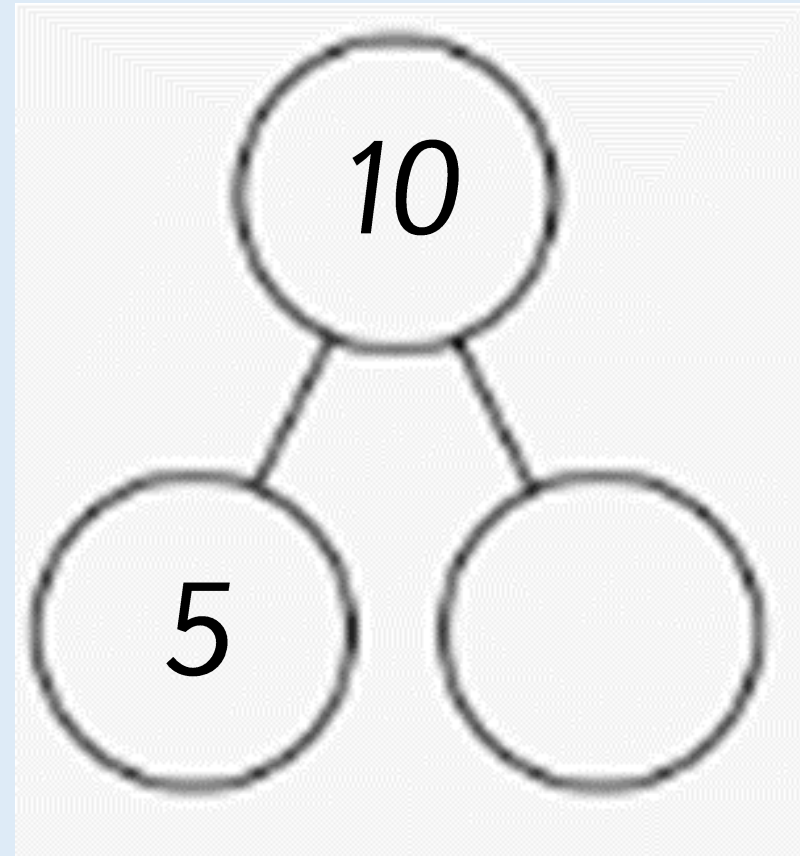
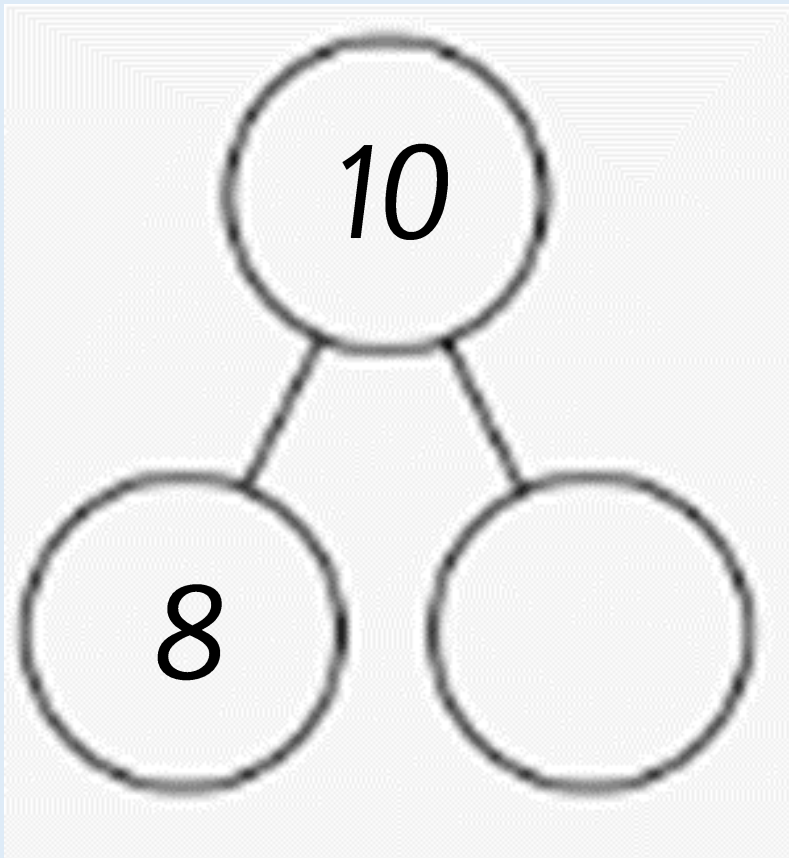
Do you understand the task?



Thursday 9th October 2025

Find the missing part

Think of your number bonds to 10.



Challenge: Write the number sentence to match.



L.Q. Can I find the missing part?

Steps to success



I can count on from one part to the total.

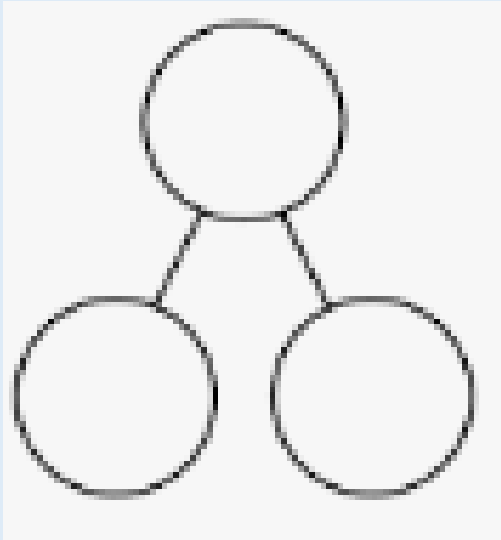
I can find the missing part.

I can identify the number of jumps between the two parts.

Star words



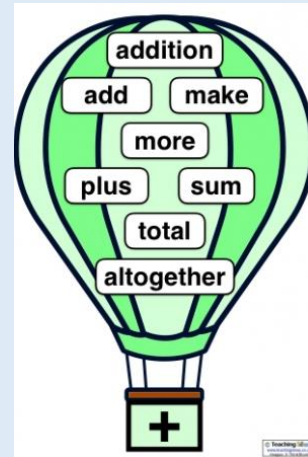
part- whole model



number line



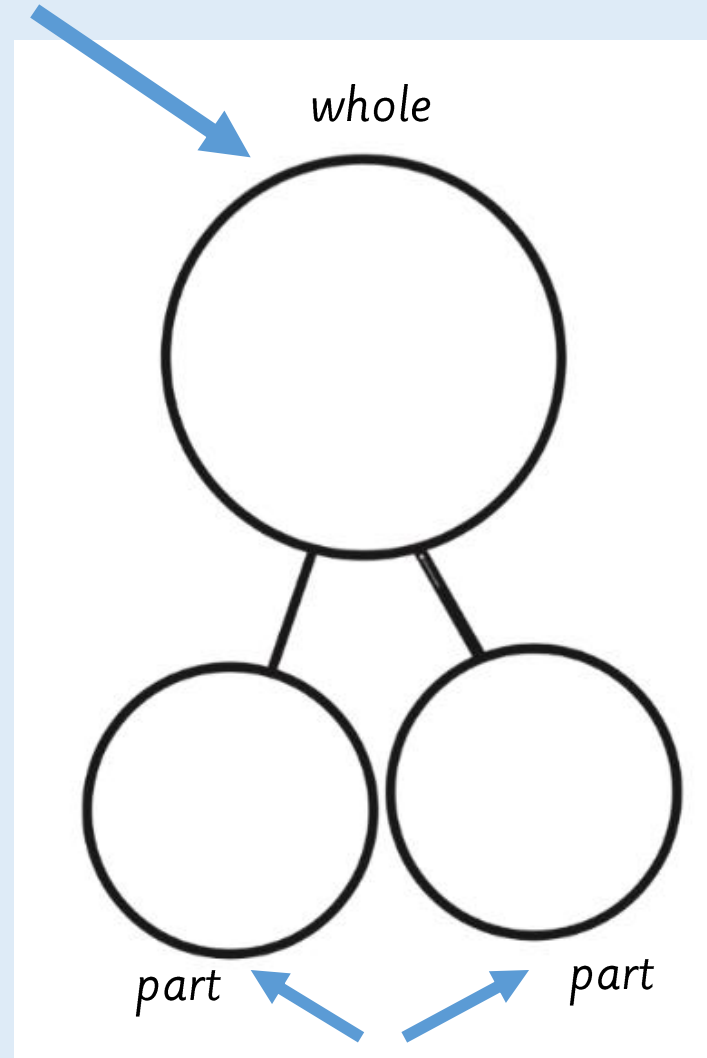
altogether



L.Q. Can I find the missing part?

What is this called?

The whole is the biggest number and is the total of the parts.



The two parts add together to make the whole.

It is important the numbers are in the correct place otherwise it does not make sense.

L.Q. Can I find the missing part?

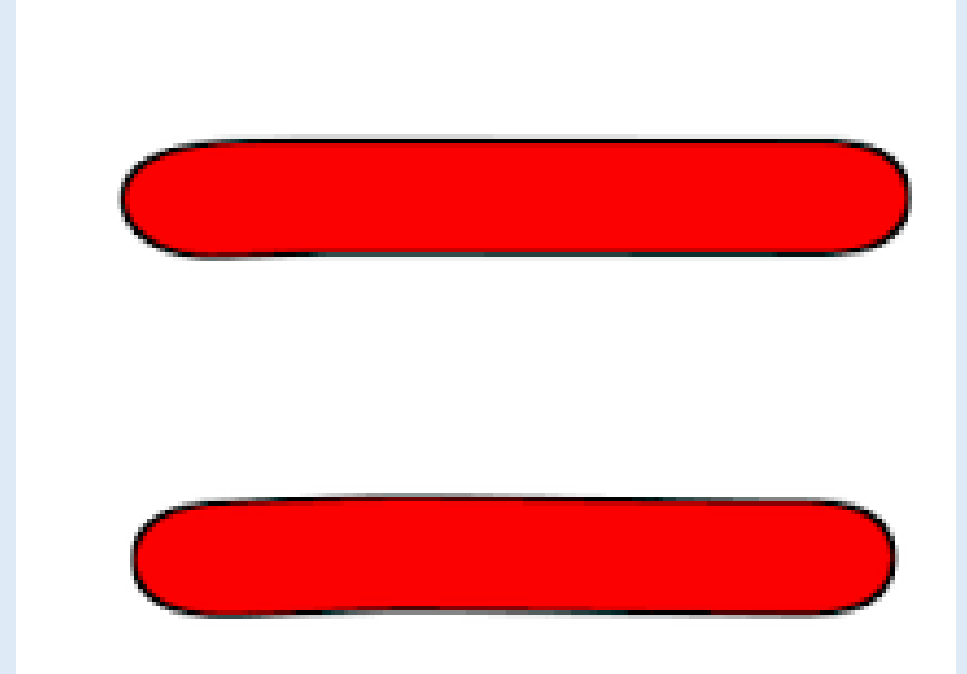
Have you seen these two signs before?

What do they mean?



When you combine two or more numbers together.

$$1 + 1$$



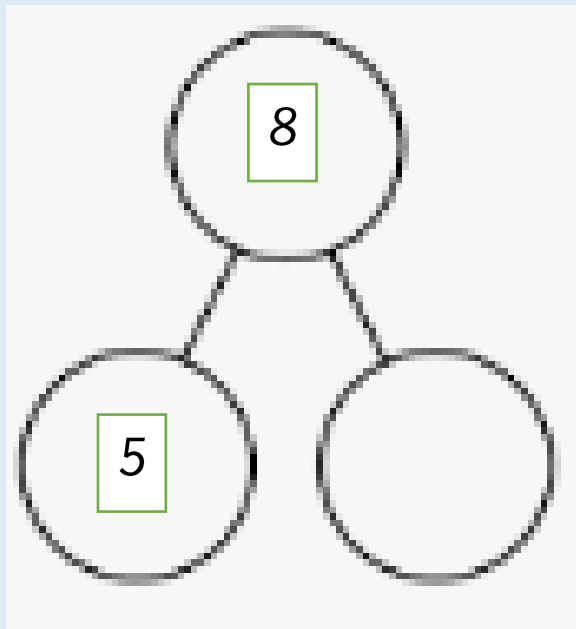
The end values totaled together.

$$1+1 \text{ together} = 2$$

L.Q. Can I find the missing part?

TP: The whole is _____.

TP: One parts is _____.




TP: The other part is _____.

Count on...



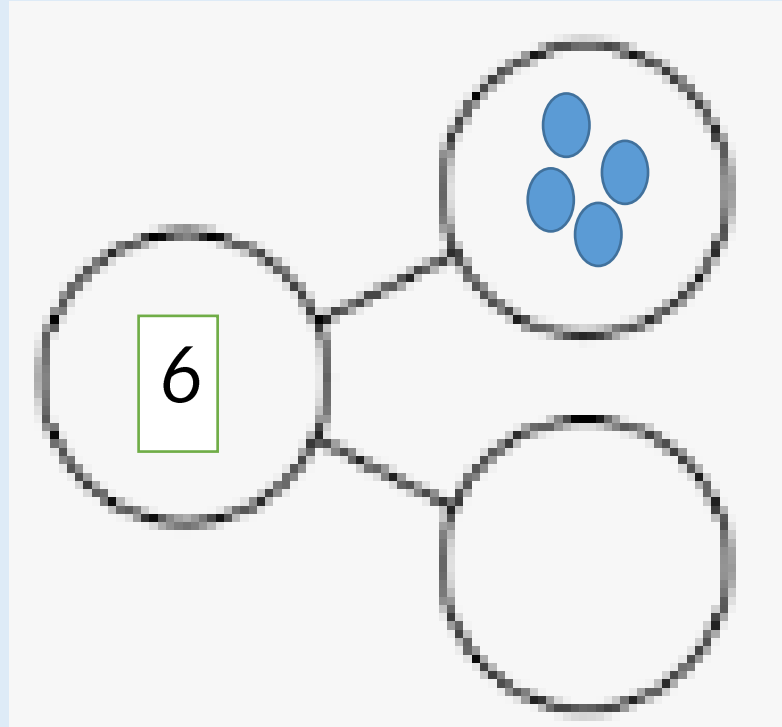
1 There are 8 children.

a) 5 children each get an .

How many children get a  ?

TP: The whole is _____.

TP: One parts is _____.



How can we work out the other part?

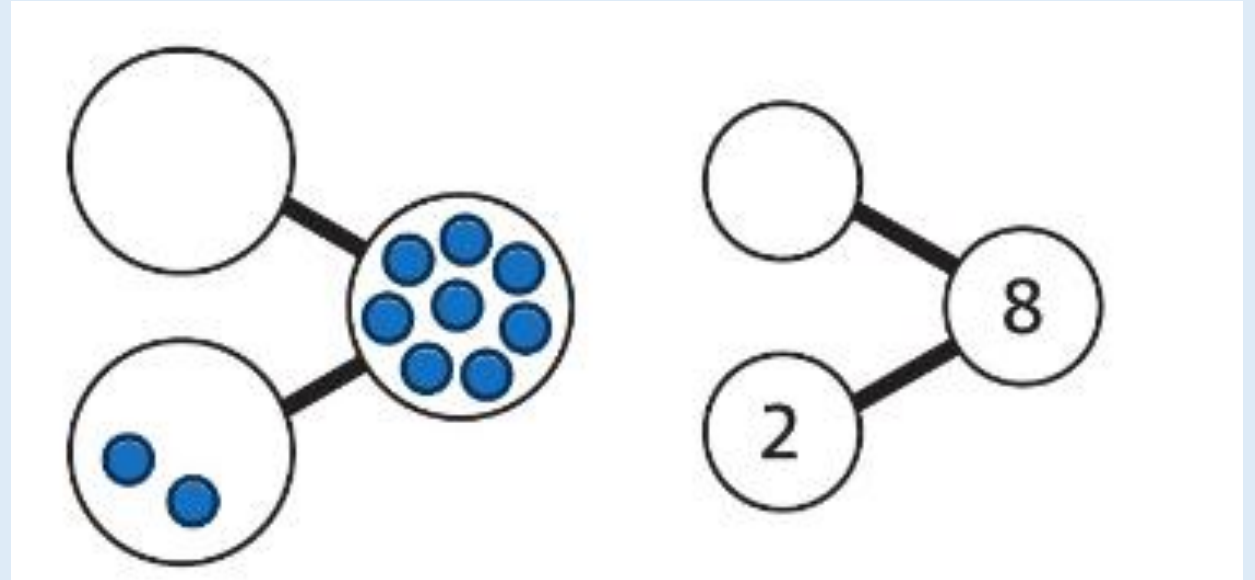
TP: The other part is _____.

Count on...

L.Q. Can I find the missing part?

There are 8 pieces of fruit altogether.

How many  are there?



TP: The whole is _____.



TP: One part is _____.

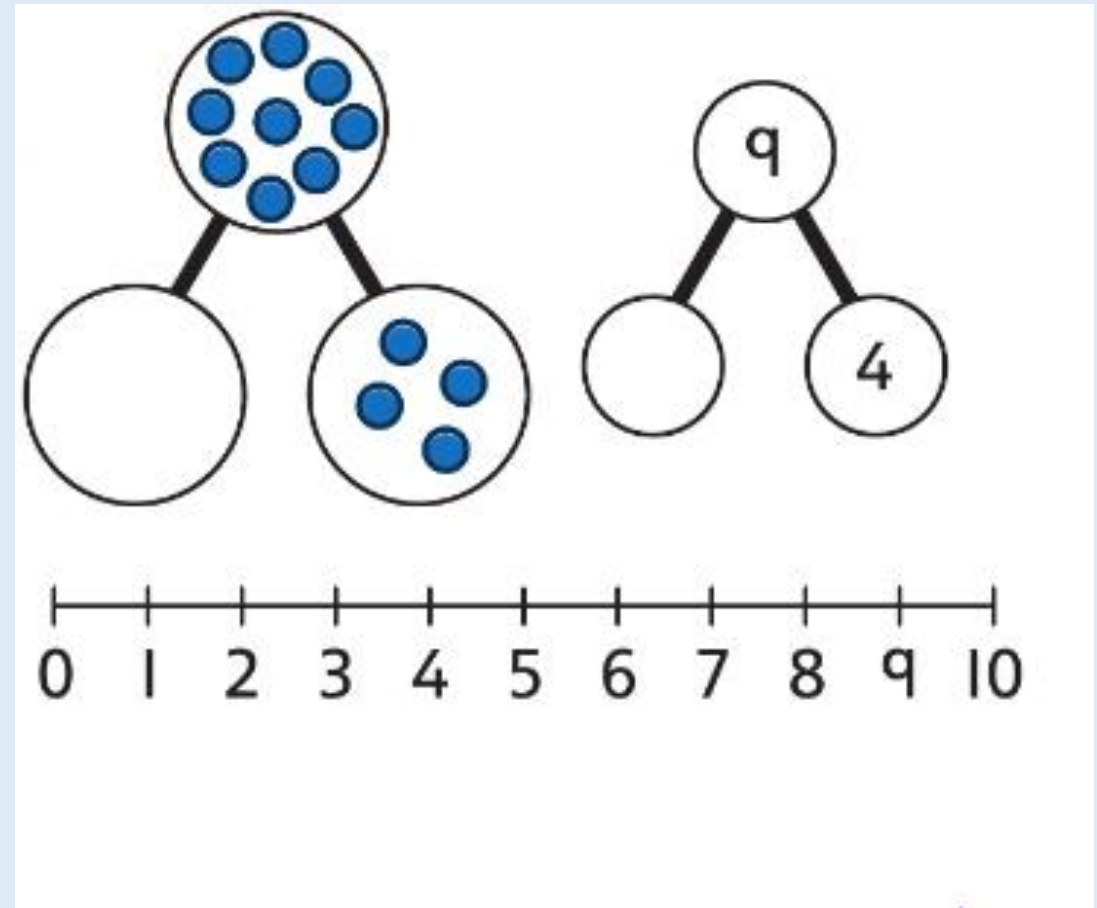
How can we work out the other part?

TP: The other part is _____.

Count on...

L.Q. Can I find the missing part?

There are 9 pens and  altogether.
How many  are there?



How can we work out the other part?

TP: The whole is _____.

TP: One part is _____.

Count on...

Self Assessment

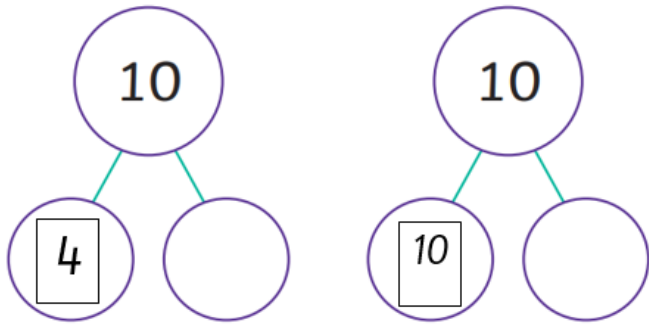
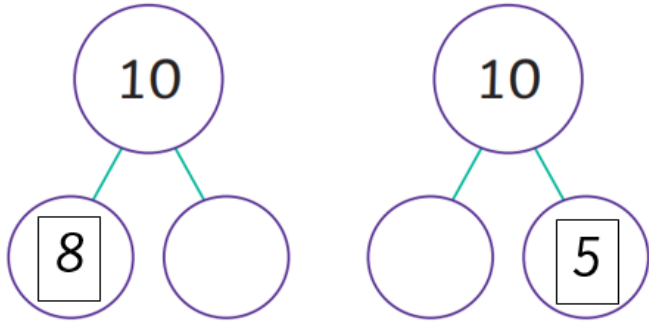
Do you understand how to find the missing part?



L.Q. Can I find the missing part?

Your task

Part-Whole Number Bonds of 10



Challenge: Write the number sentences to match.

Under the sea
Part-Whole Number Bonds of 10

Four number bonds for 10 with sea-themed illustrations. Top-left: 10 in a circle, 4 clownfish in a circle, empty circle. Top-right: 10 in a circle, empty circle, 5 stars in a circle. Bottom-left: 10 in a circle, 4 seashells in a circle, empty circle. Bottom-right: 10 in a circle, 2 jellyfish in a circle, empty circle.

Self Assessment

Do you understand the task?



Friday 10th October 2025

Let's recite our number bonds to 10 as a class.

$$0 + 10 = 10$$

$$1 + 9 = 10$$

$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$

Complete the number bonds. What comes next?



L.Q. Can I find the missing part?

Steps to success



I can count on from one part to the total.

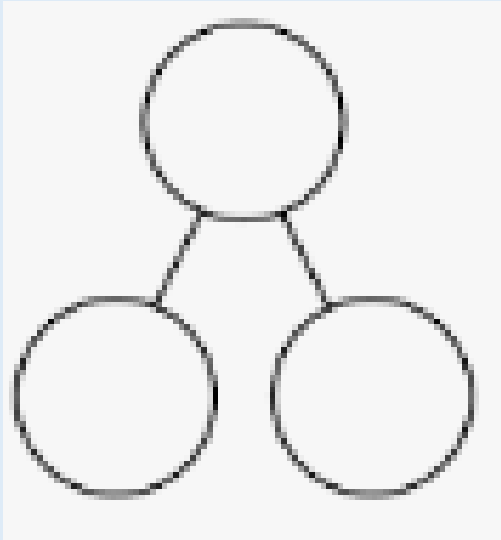
I can find the missing part.

I can identify the number of jumps between the two parts.

Star words



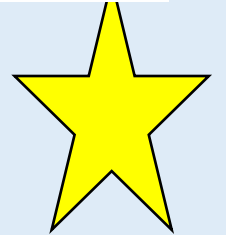
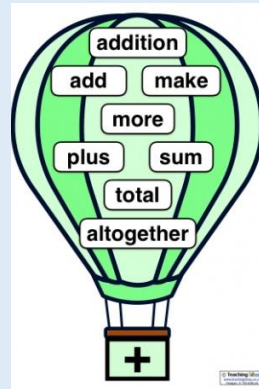
part- whole model



number line



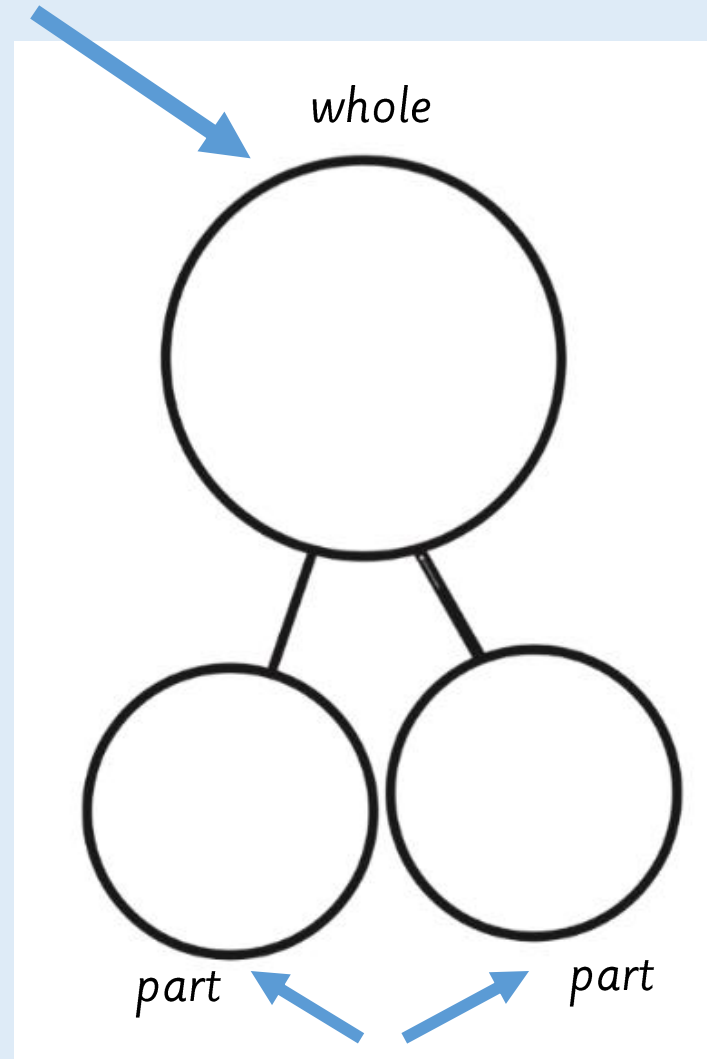
altogether



L.Q. Can I find the missing part?

What is this called?

The whole is the biggest number and is the total of the parts.



The two parts add together to make the whole.

It is important the numbers are in the correct place otherwise it does not make sense.

L.Q. Can I find the missing part?

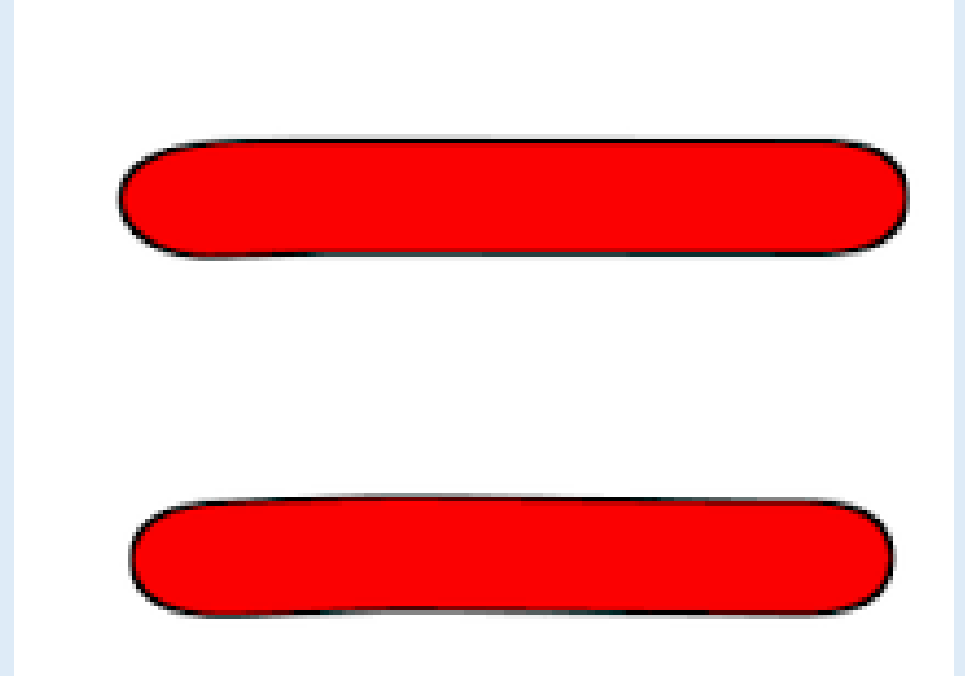
Have you seen these two signs before?

What do they mean?



When you combine two or more numbers together.

$$1 + 1$$



The end values totaled together.

$$1+1 \text{ together} = 2$$

L.Q. Can I find the missing part?

How many cans were hit altogether?

TP: The whole is _____.



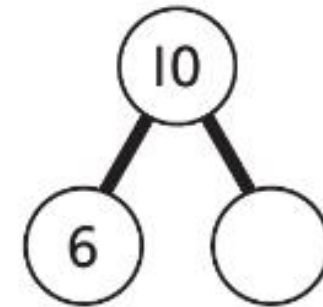
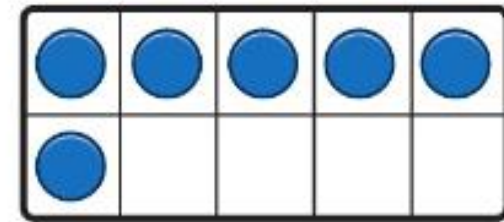
TP: One part is _____.

TP: The other part is _____.

Can you write the number sentence?

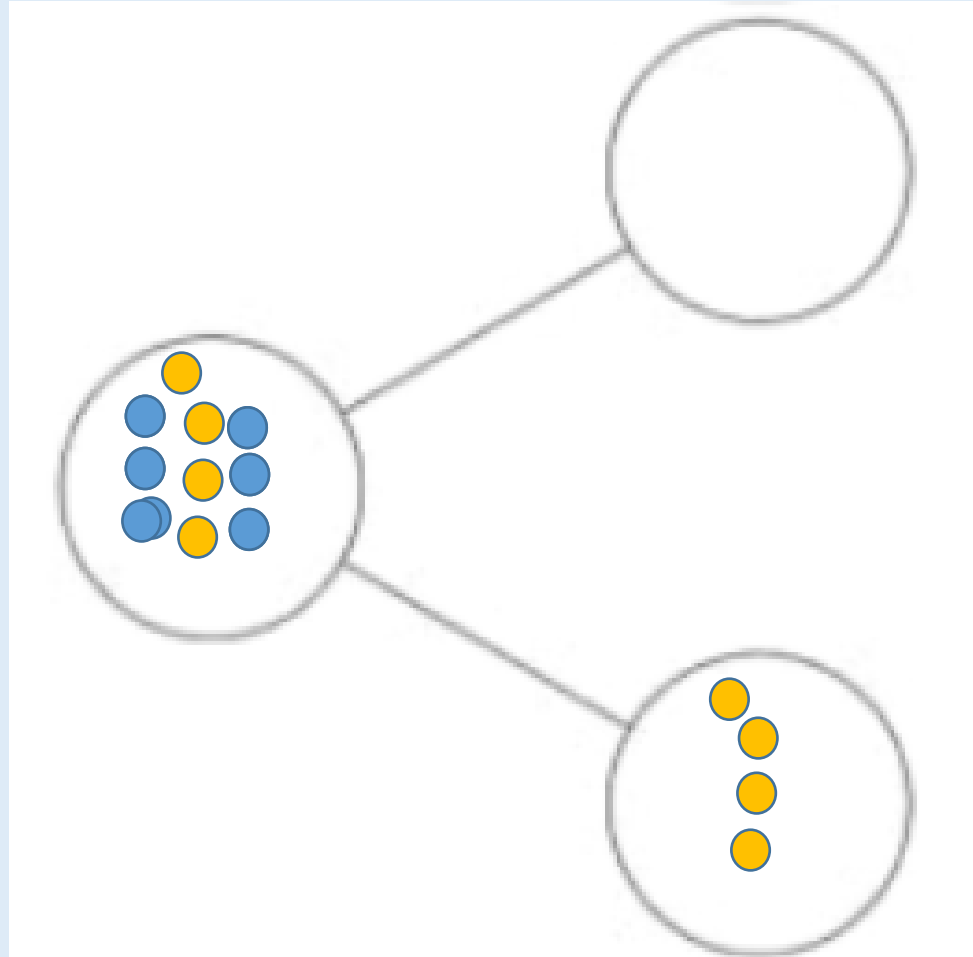
$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$



L.Q. Can I find the missing part?

TP: The whole is _____.



TP: One part is _____.

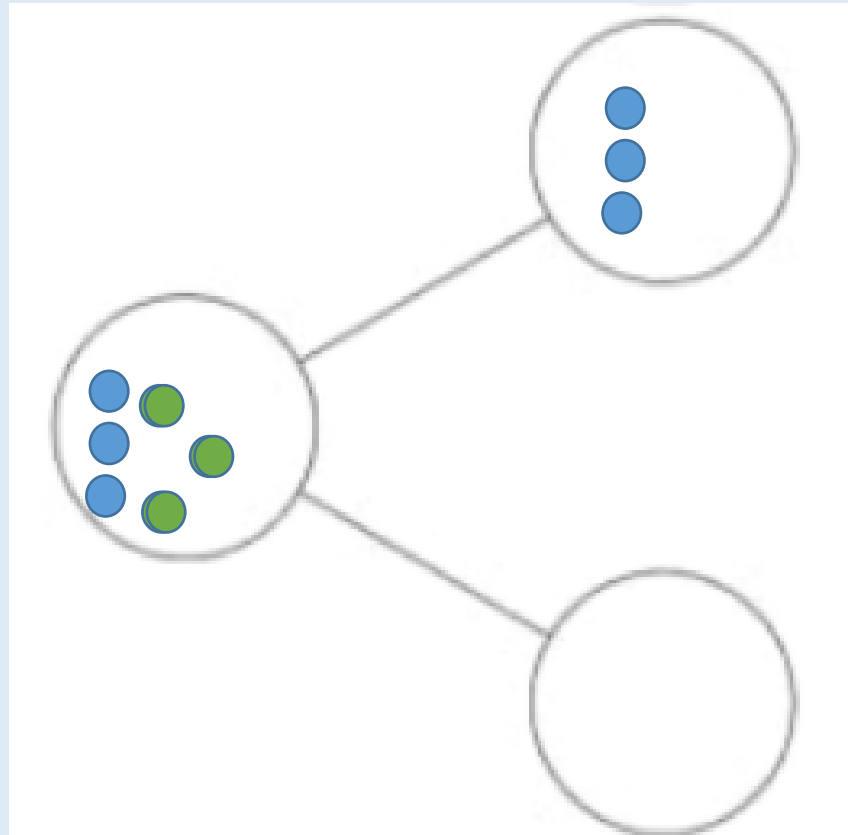
TP: The other part is _____.

Can you write the number sentence?

$$\underline{\quad} + \underline{\quad} = 10$$

$$\underline{\quad} + \underline{\quad} = 10$$

TP: The whole is _____.



TP: One part is _____.

TP: The other part is _____.

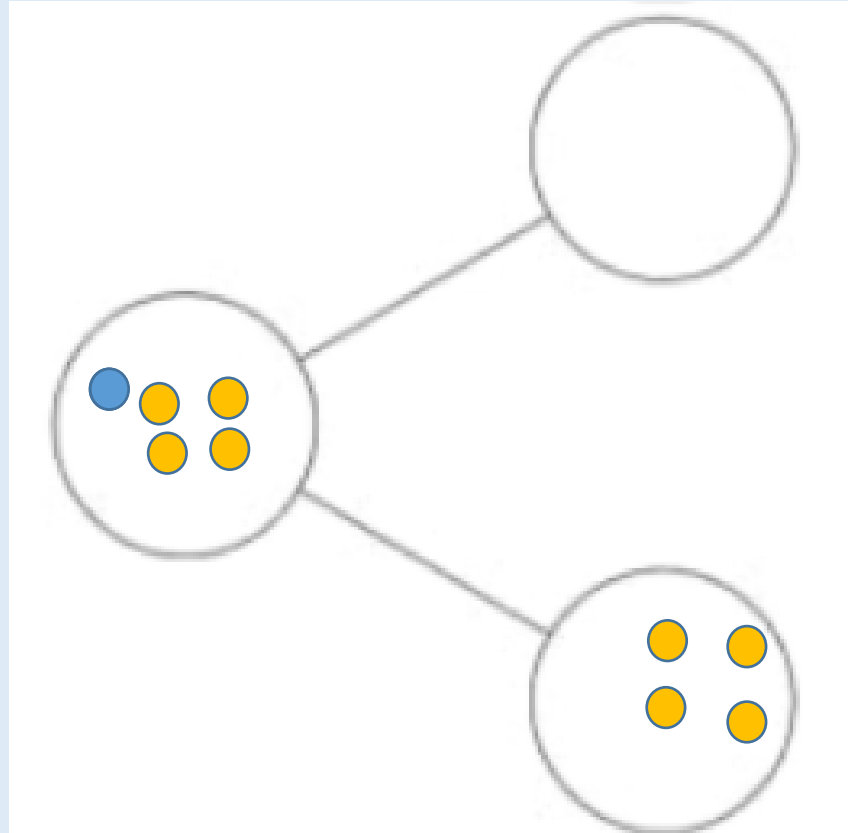
Can you write the number sentence?

$$\underline{\quad} + \underline{\quad} = 6$$

$$\underline{\quad} + \underline{\quad} = 6$$

L.Q. Can I find the missing part?

TP: The whole is _____.



TP: One part is _____.

TP: The other part is _____.

Can you write the number sentence?

$$\underline{\quad} + \underline{\quad} = 5$$

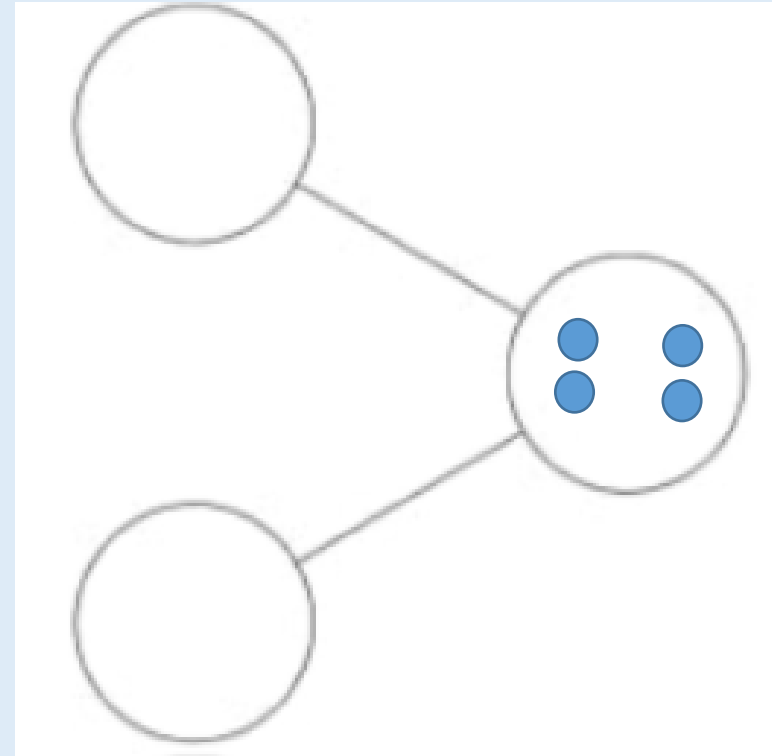
$$\underline{\quad} + \underline{\quad} = 5$$

L.Q. Can I find the missing part?

TP: The whole is_____.

If one part is **0**, then what is
the other part?

TP: The other part is_____.



Self Assessment

Do you understand how to find the
missing part?

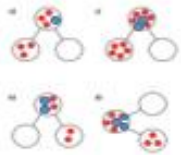

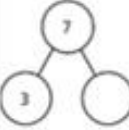


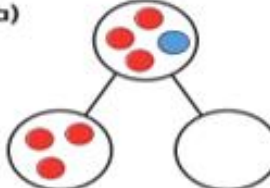
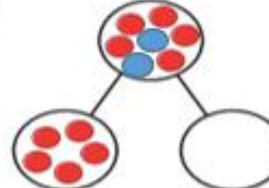
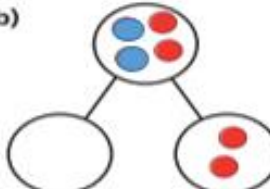
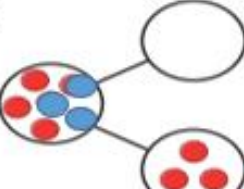
L.Q. Can I find the missing part?

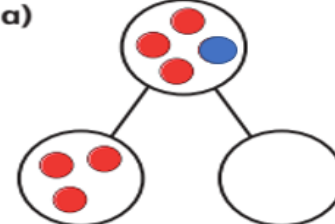
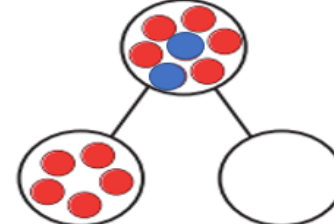
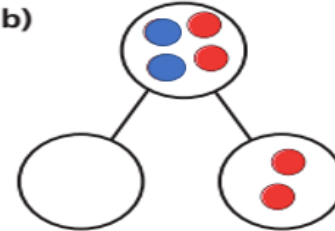
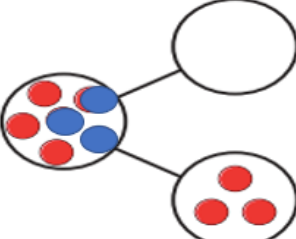
Your task

Today we worked in a small group to find the other part of a part whole model using pictorial representations. We counted the whole number and recognised the 2 parts. We used the counters to show the other part and stuck it on our part whole model to show the missing part.

★ Part, whole, partition, equal to, add, groups, altogether ★

<p>1. Complete the part-whole models by writing the missing part.</p> 	<p>2. There are 6 sweets altogether. 2 are red. 2 are blue. Is this correct?</p>  <p>Yes, it is correct because ____. No, it is not correct because ____.</p>	<p>3. Complete the part whole model and sentences.</p>  <p>The whole is <input type="text"/> <input type="text"/> is a part. <input type="text"/> is a part.</p>
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<p>a) </p>	<p>c) </p>
<p>b) </p>	<p>d) </p>

<p>a) </p>	<p>c) </p>
<p>b) </p>	<p>d) </p>



Self Assessment
Do you understand the task?

