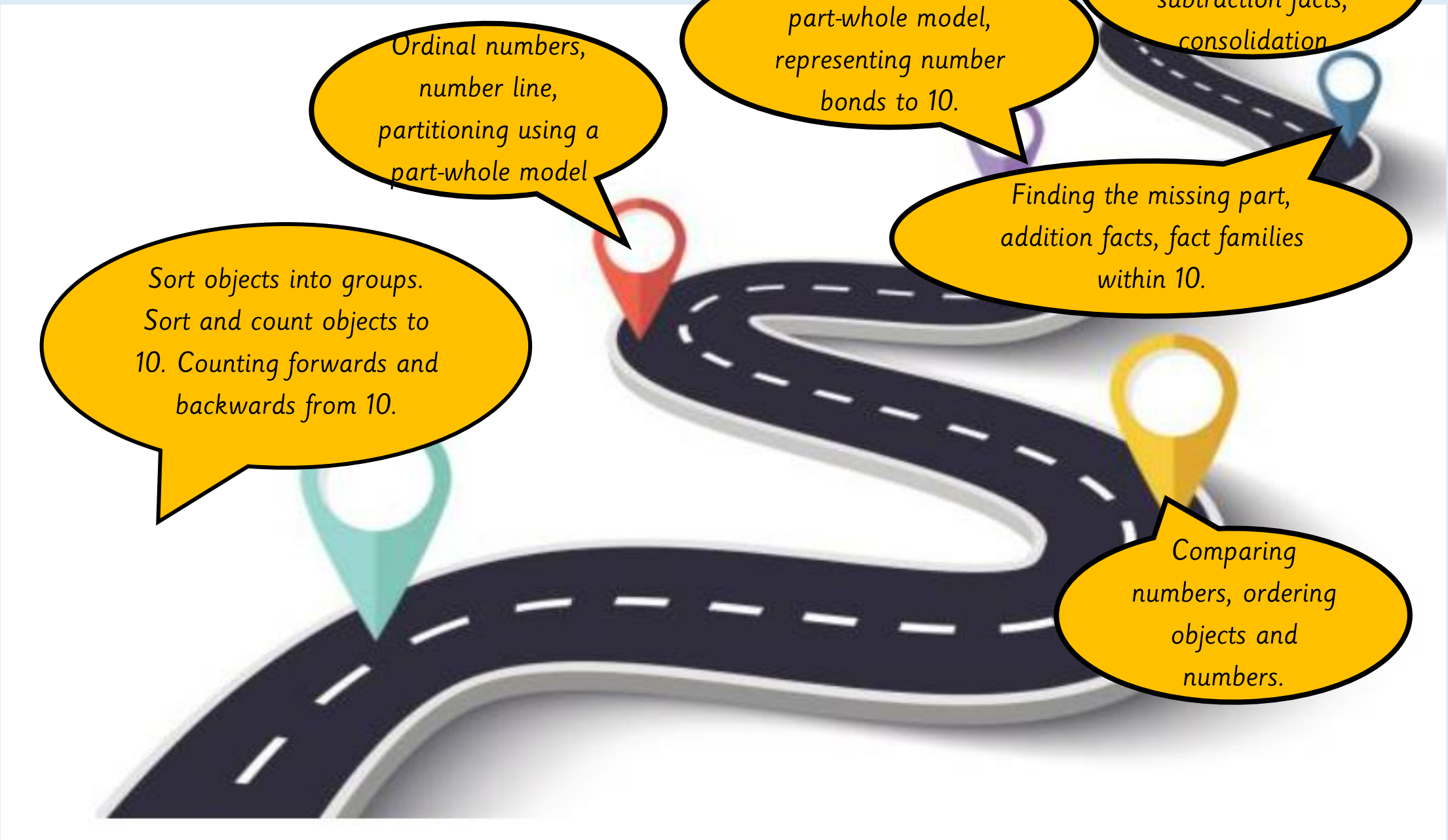


Our maths Learning Journey



Key vocabulary:

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

Monday 13th October 2025

Counting to 10

Funky Counting Song Numbers 1-10 The Singing Walrus – YouTube



TP: What is the largest number.

TP: What is the smallest number.



L.Q: Can I find addition facts?

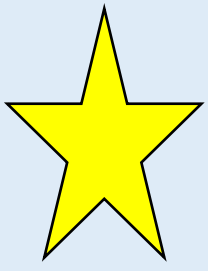
Steps to success



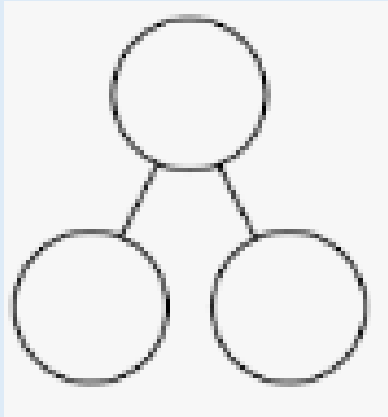
I can say each part in the number sentence.

I can switch numbers around to show the same fact.

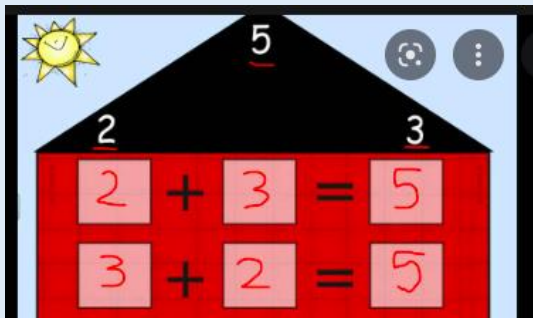
I can use my knowledge of number bonds to solve addition facts.



part- whole model



Fact families



Star words



in total

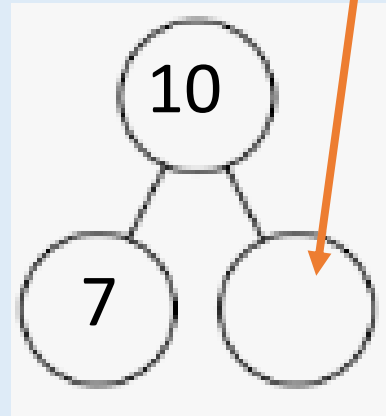
=

number sentence

$$3 + 4 = 7$$

$$4 + 3 = 7$$

missing number

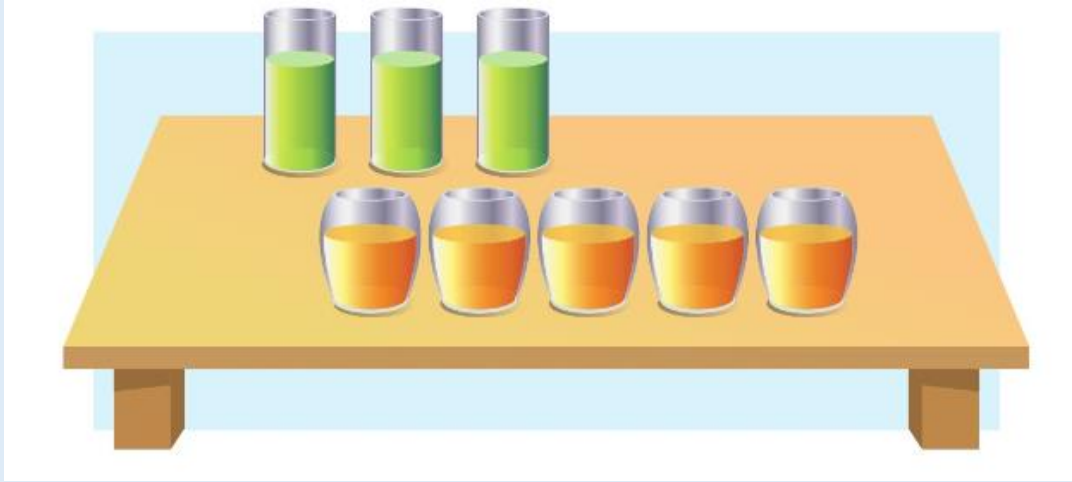


add, plus

+



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

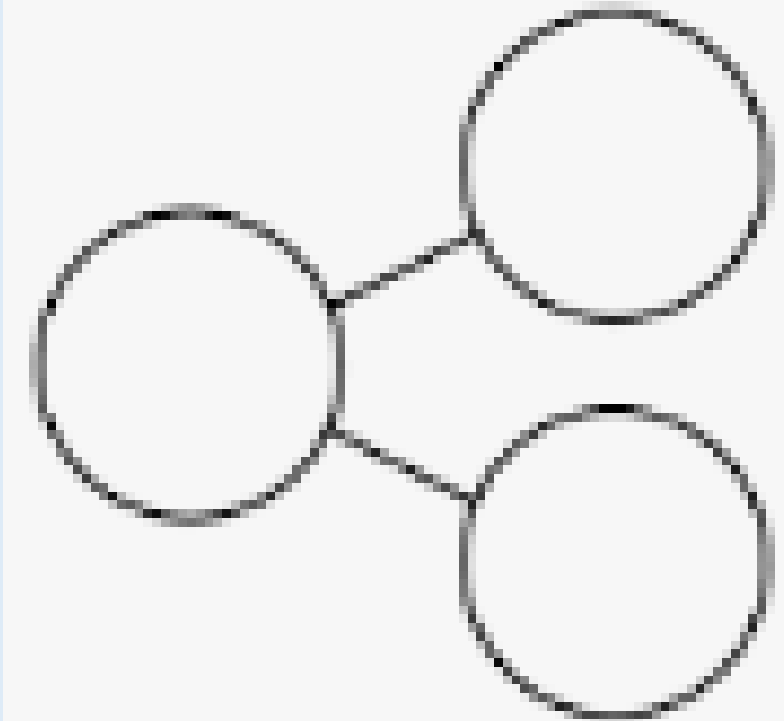


TP: The whole is ____.

TP: One part is ____.

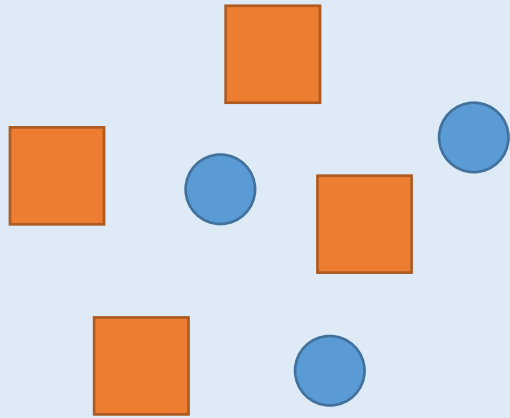
TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

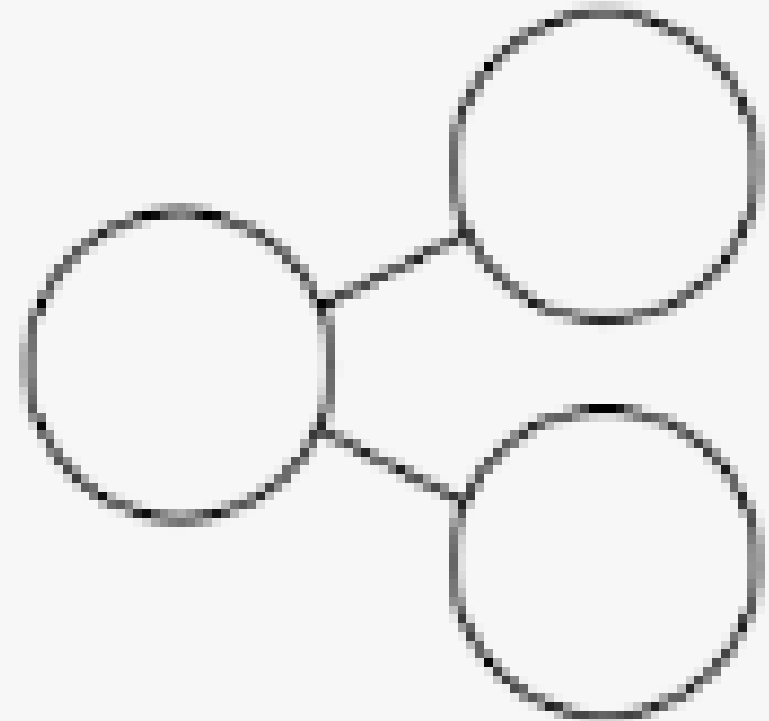


TP: The whole is ____.

TP: One part is ____.

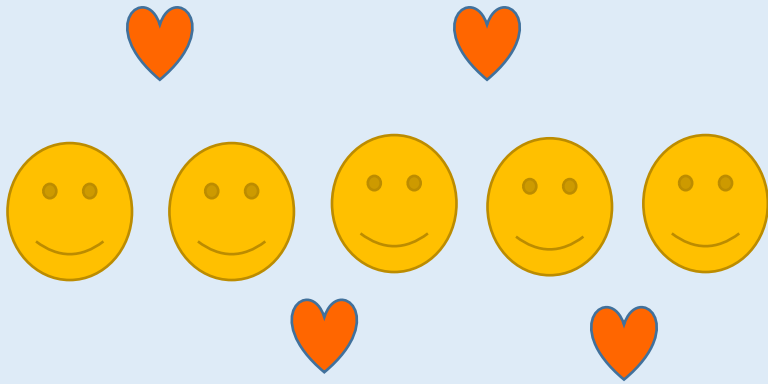
TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

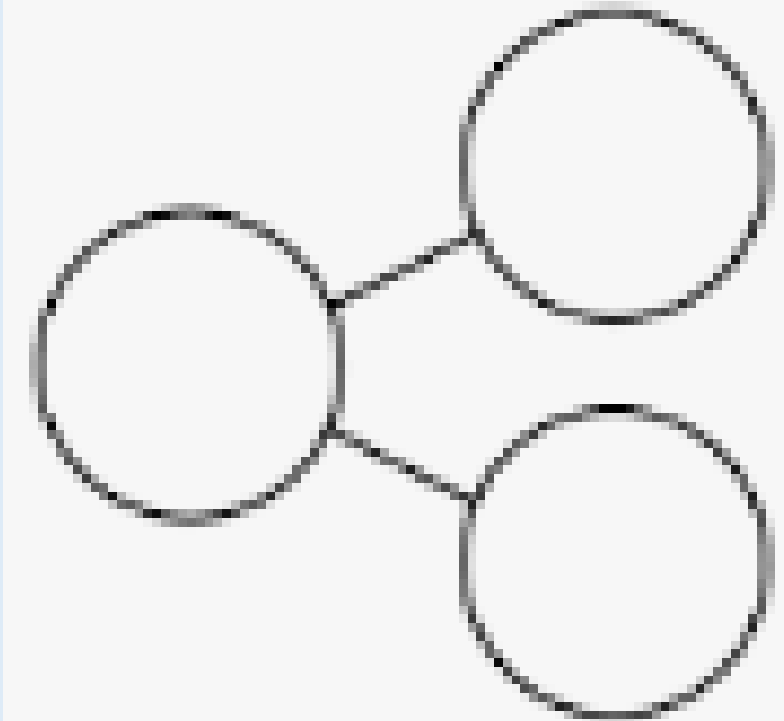


TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.



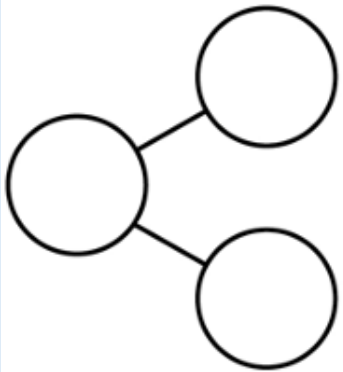
TP: ____ is the same.

TP: ____ is different.

Let's think of the addition fact. We can use a part whole to help.

TP: ____ and ____ makes ____.

Complete the part-whole model and the fact family.



$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} + \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$

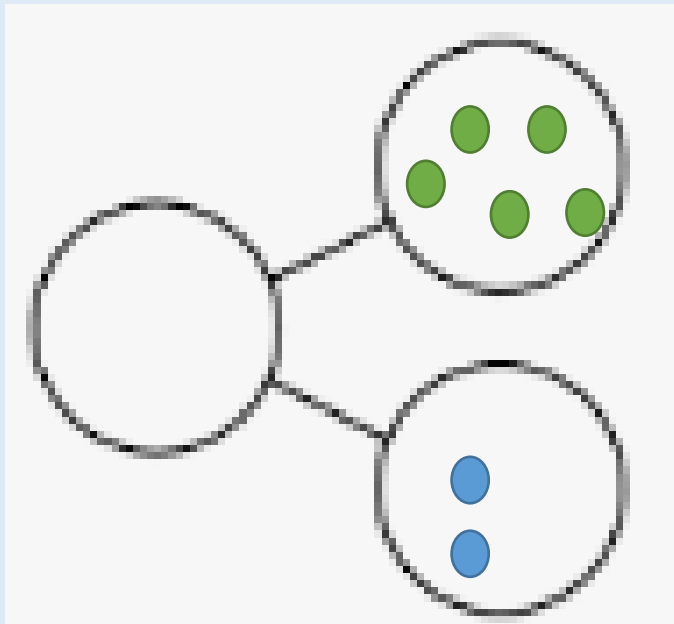
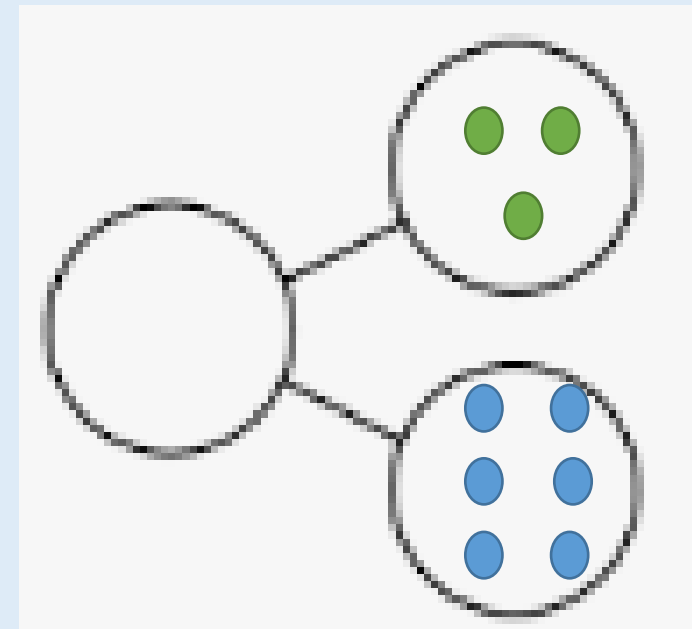
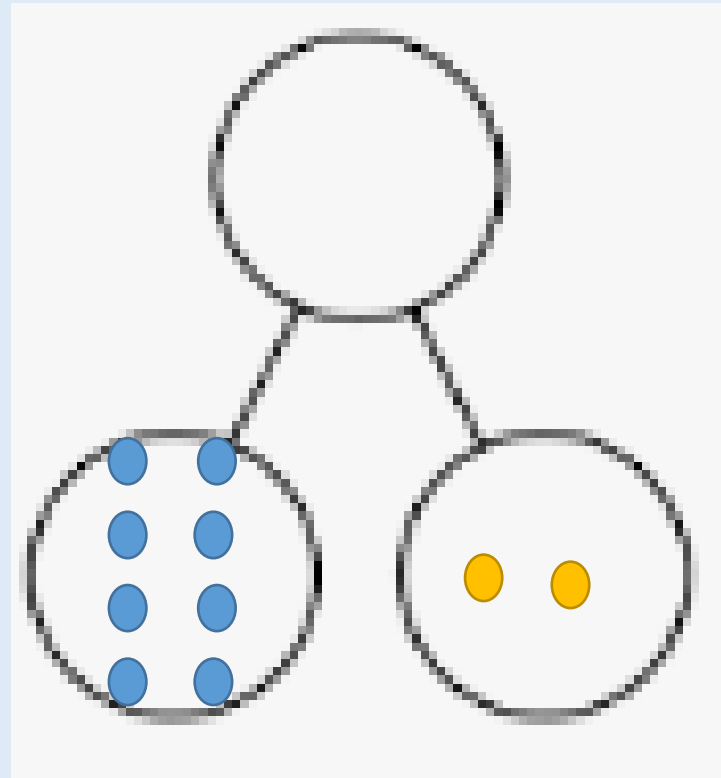
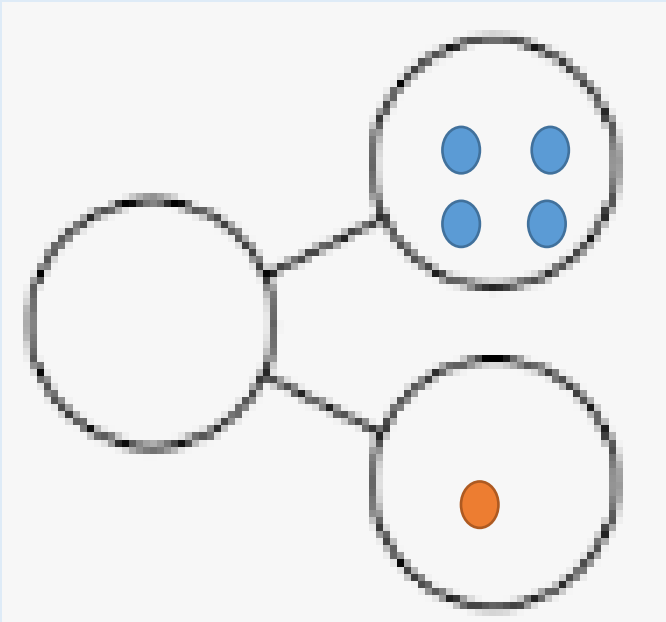
i a) There are 6  in the tub.
Each child plants one seed.
How many  will grow in total?

Self Assessment

Do you understand how to find addition facts?



Your task



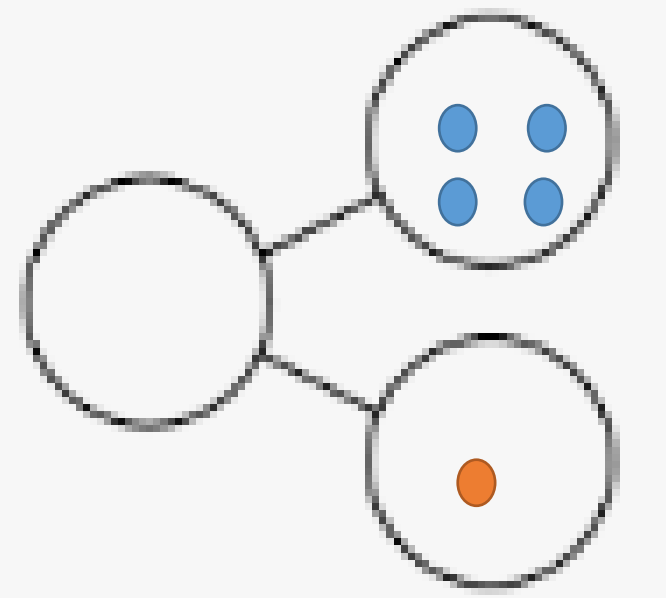
Complete the part whole models then write the addition facts to match.

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

Self Assessment

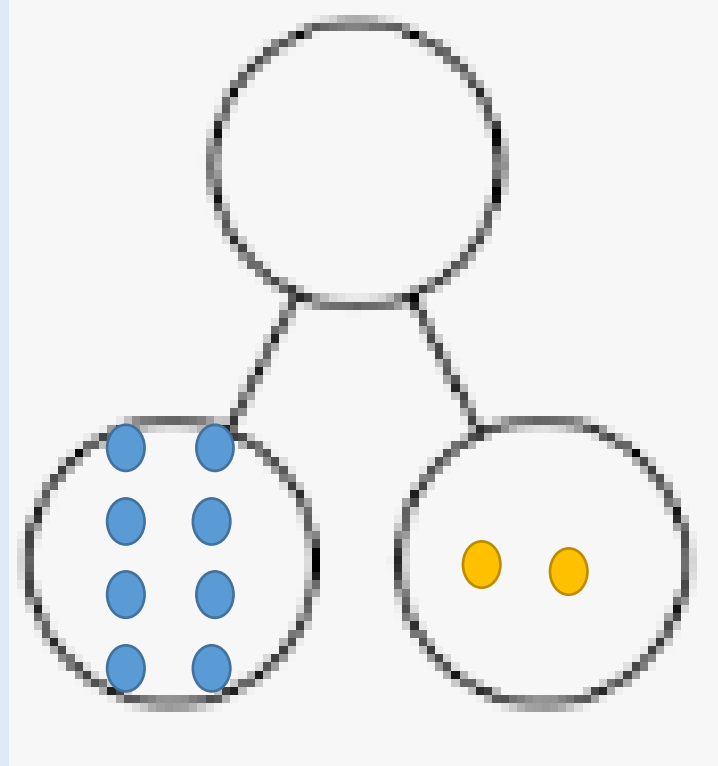
Do you understand the task?





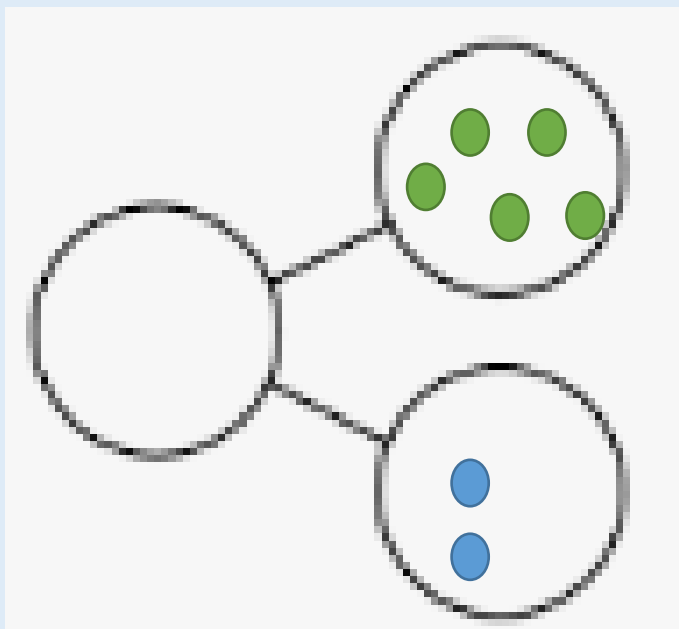
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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



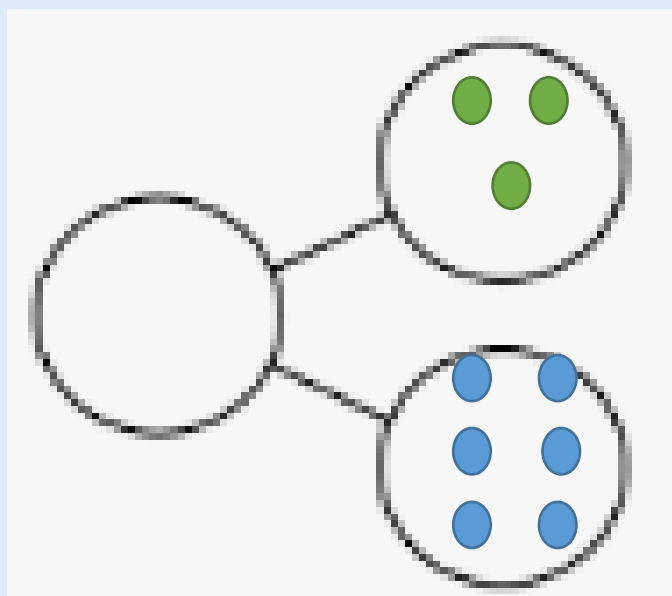
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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



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

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



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

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

Tuesday 14th October 2025

Let's read numerals in words

two

three

five

seven

one

ten

four

nine

eight

six

zero



L.Q Can I find addition facts?

Steps to success



I can say each part in the number sentence.

I can switch numbers around to show the same fact.

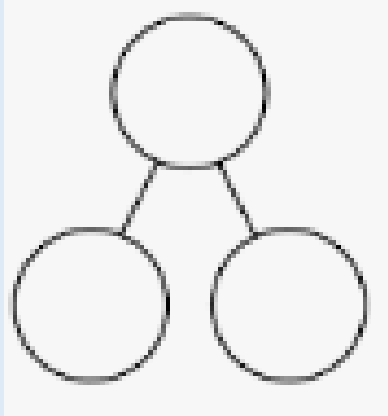
I can use my knowledge of number bonds to solve addition facts.



Star words



part- whole model



in total

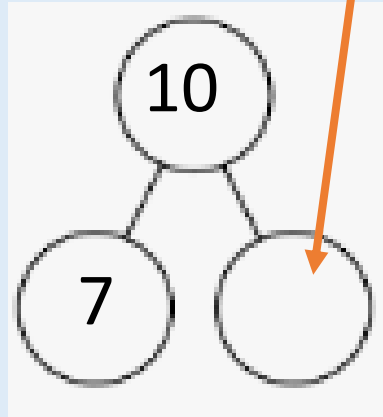
=

number sentence

$$3 + 4 = 7$$

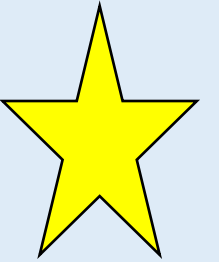
$$4 + 3 = 7$$

missing number

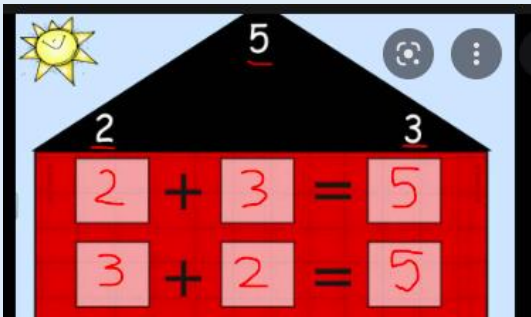


add, plus

+



fact families



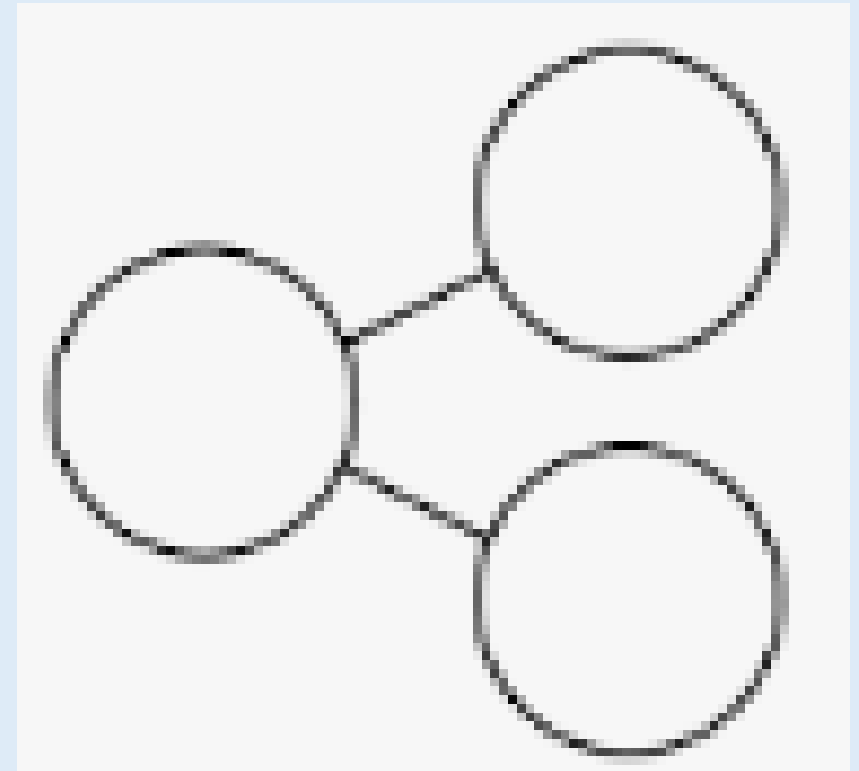
TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.



Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

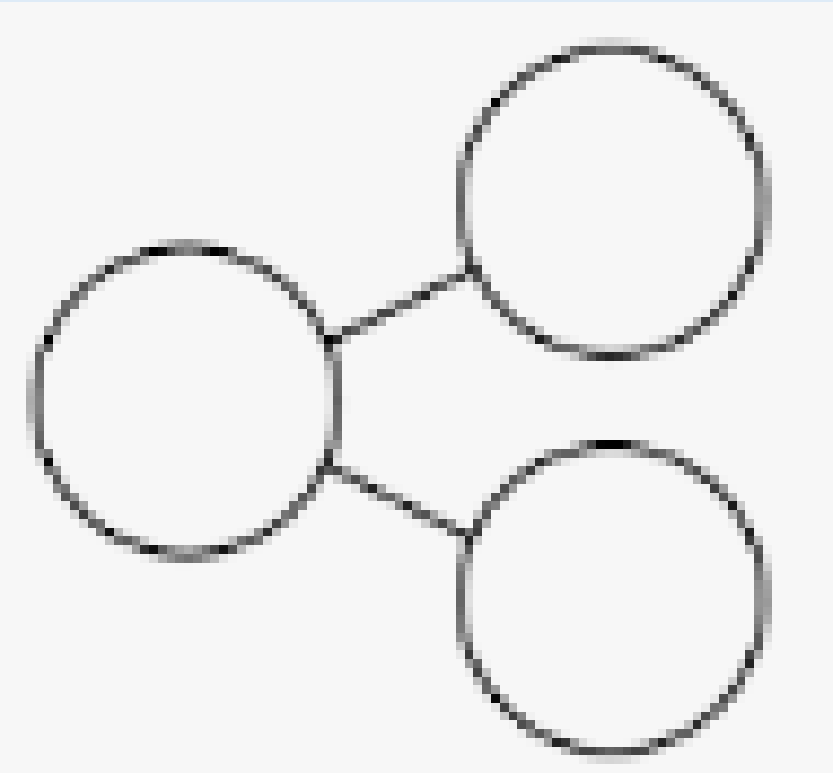


TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

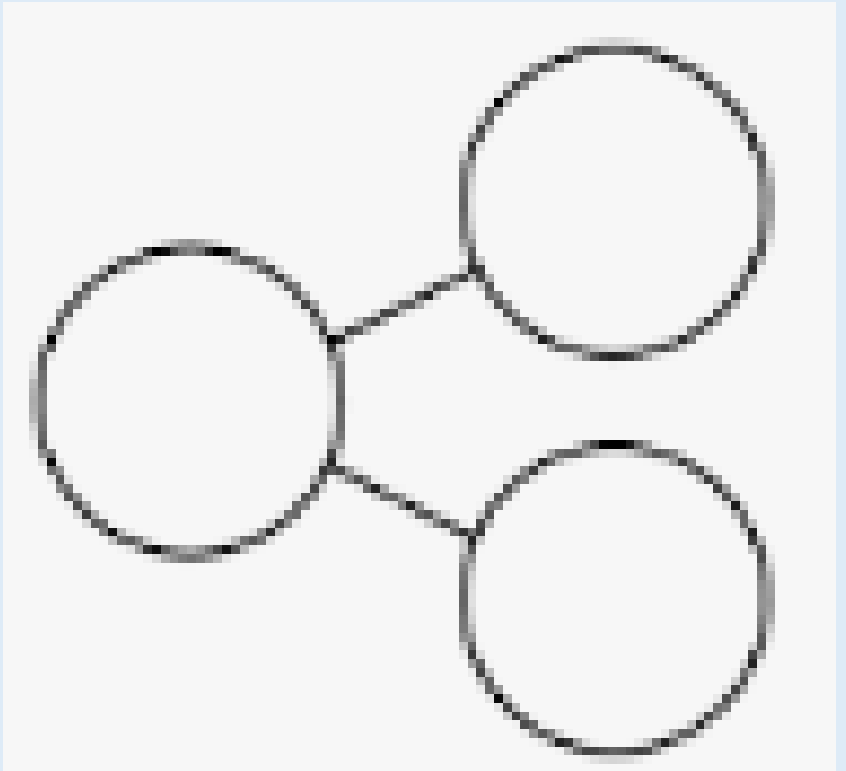


TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

3

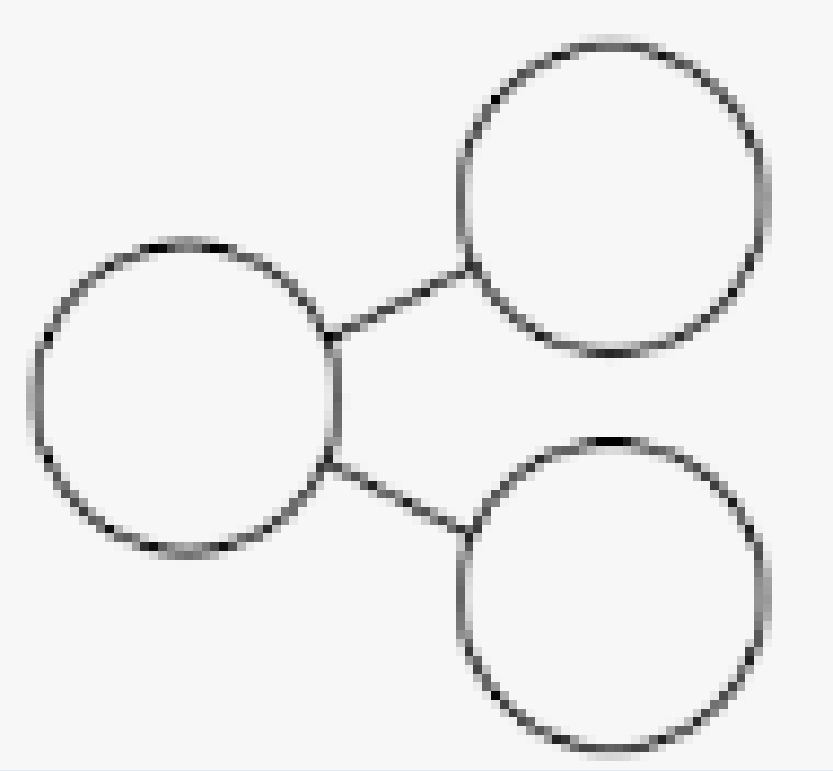
5

TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.

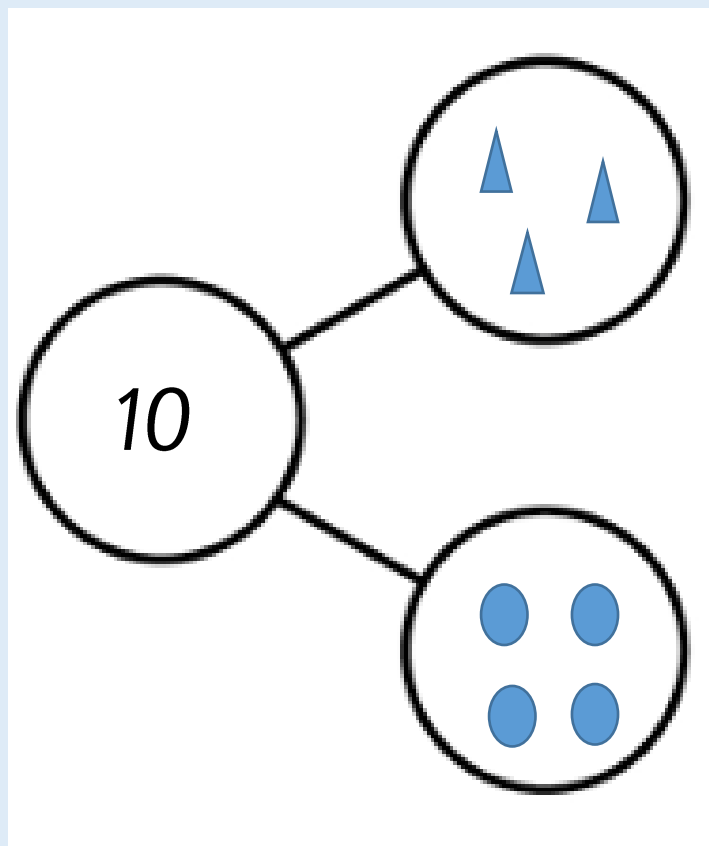


TP: ____ is the same.

TP: ____ is different.

Nate says, "I have completed my part whole model and addition facts correctly."

Do you agree?



$$3 + 4 = 10$$

$$4 + 3 = 10$$

Yes, I agree because_____.



No, I disagree because_____.



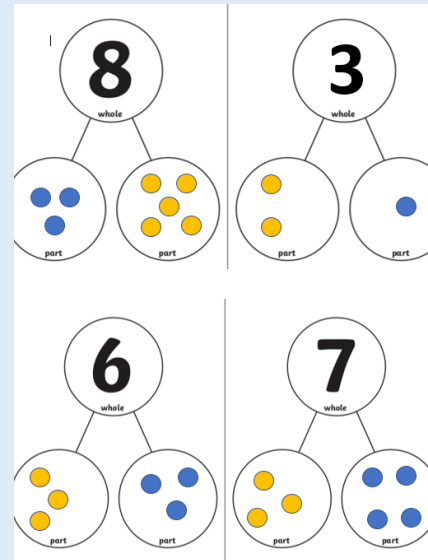
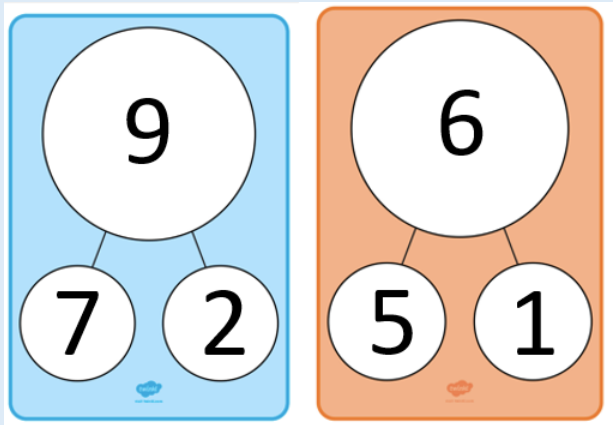
Self Assessment

Do you understand how to find addition facts?



Your task

Partner game! Complete addition facts for the part whole models.



On your whiteboard, write the number sentences to match each part whole model.

Self Assessment

Do you understand the task?



Wednesday 15th October 2025



L.Q: Can I find addition facts?

Steps to success



I can say each part in the number sentence.

I can switch numbers around to show the same fact.

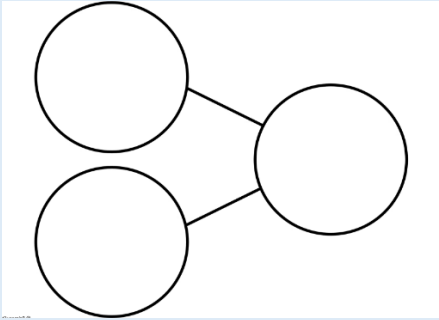
I can use my knowledge of number bonds to solve addition facts.



Star words



part- whole model



in total

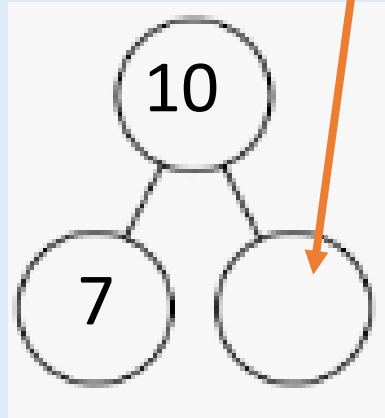
=

number sentence

$$3 + 4 = 7$$

$$4 + 3 = 7$$

missing number

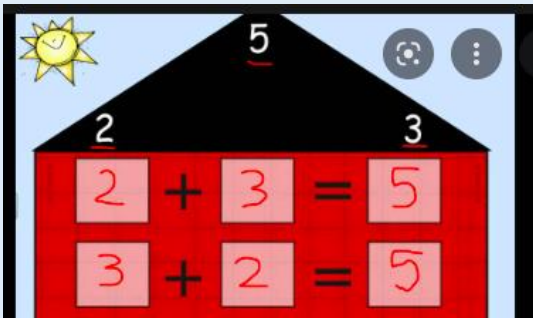


add/ plus

+



fact families



L.Q: Can I find addition facts

TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

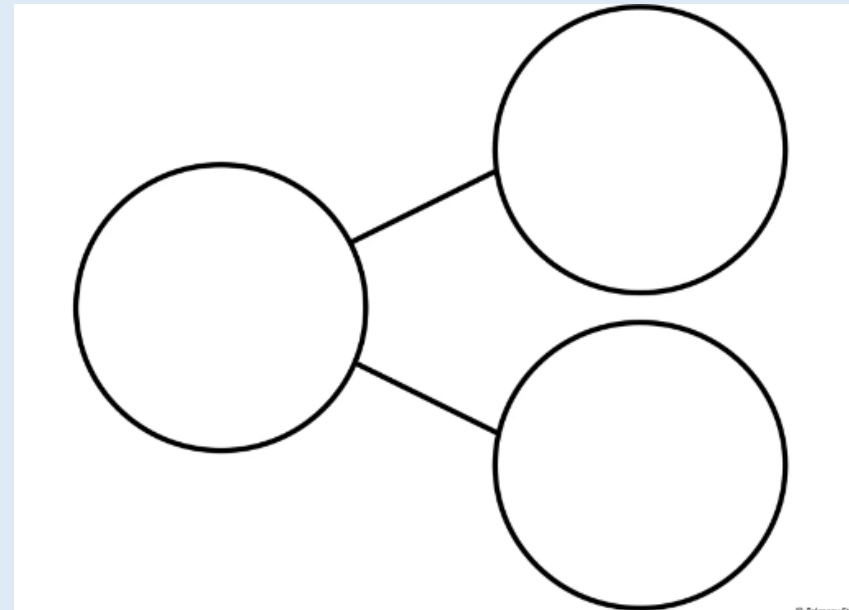
6

3

Write the number sentence.

$$6+3=$$

$$3+6=$$



TP: ____ is the same.

TP: ____ is different.

1

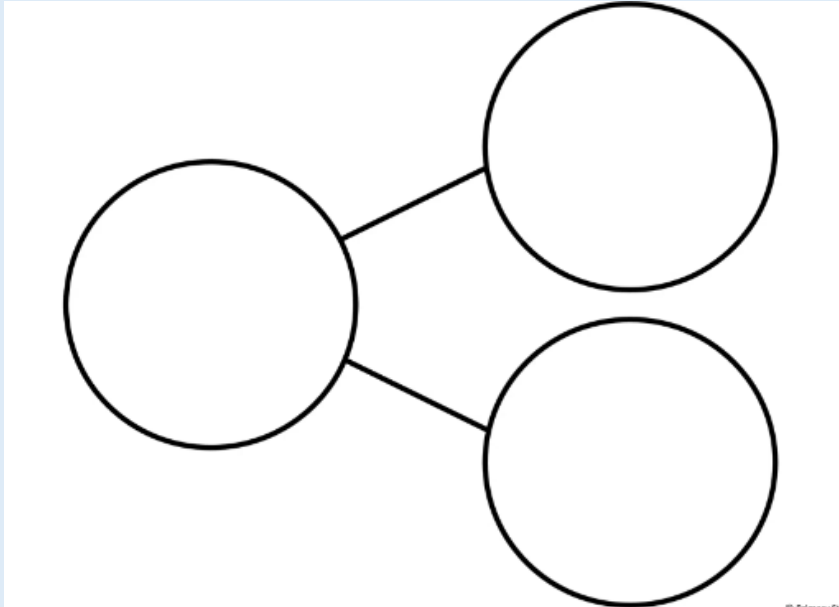
4

TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

0

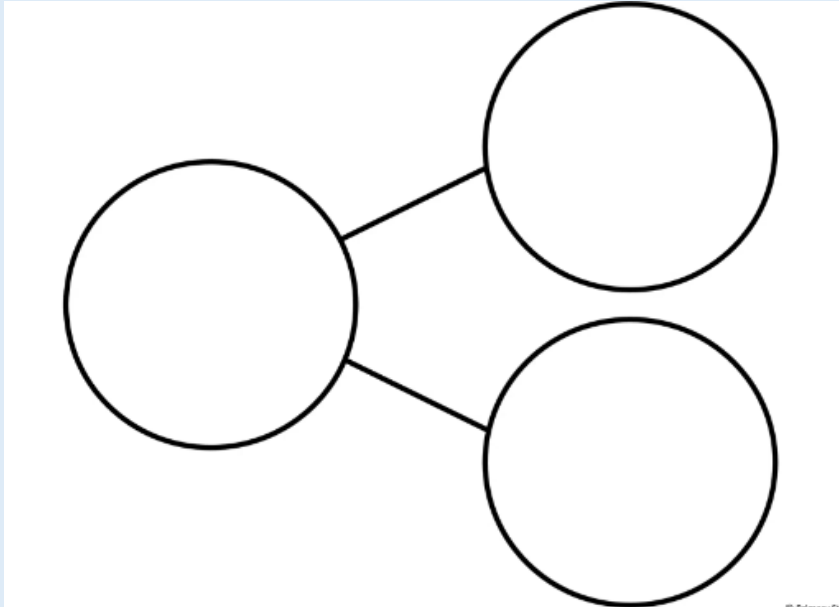
10

TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

Write the number sentence.



TP: ____ is the same.

TP: ____ is different.

9

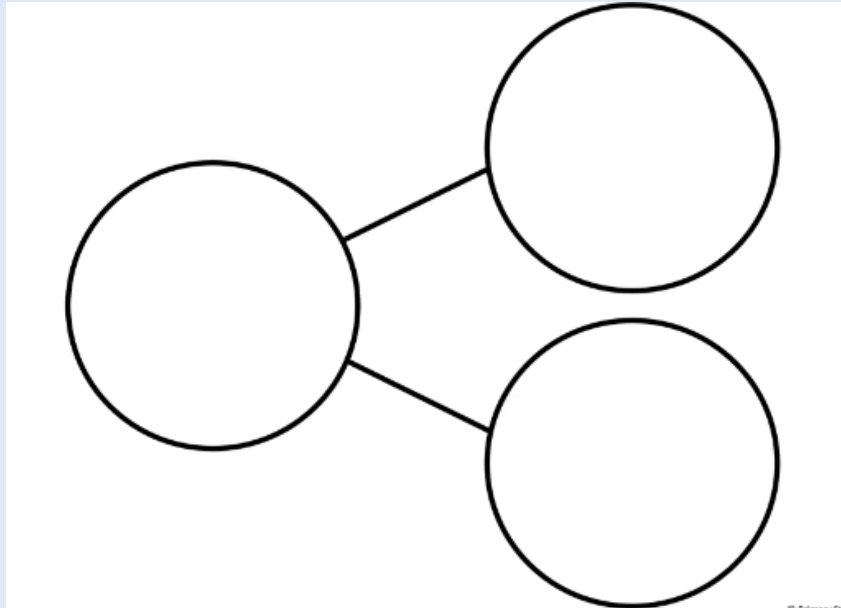
8

Write the number sentence.

TP: The whole is ____.

TP: One part is ____.

TP: The other part is ____.

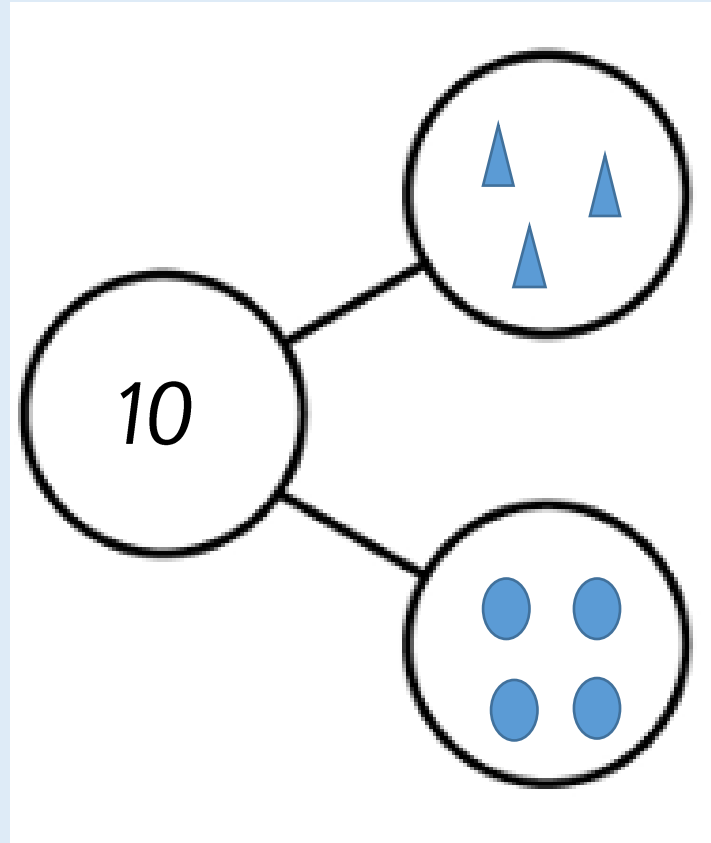


TP: ____ is the same.

TP: ____ is different.


Nate says, "I have completed my part whole model and addition facts correctly."

Is he correct?



$$3 + 4 = 10$$

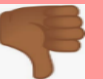
$$4 + 3 = 10$$

Yes, he is correct because _____. 


No, he is not correct because _____. 

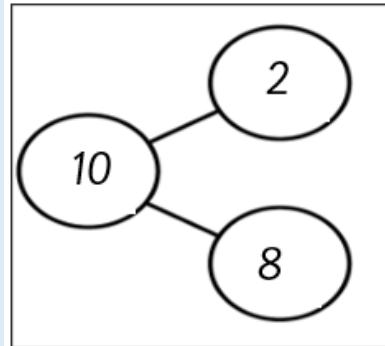
Self Assessment

Do you understand how to find addition facts?



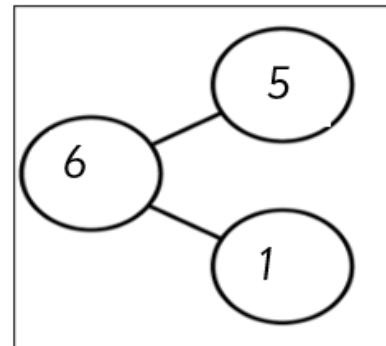
Your task

<p>1. Complete the addition facts for the part whole models.</p> <p>_____ + _____ = _____</p> <p><i>Add the 2 parts together to make the whole.</i></p>	<p>2. Charlie says,</p> <p>1 + 7 = 10</p> <p>Is he correct?</p> <p>Yes, he is correct because _____.</p> <p>No, he is not correct because _____.</p>	<p>3. Complete the part whole model and write the addition fact to match.</p> <p>◆◆◆◆◆♥</p> 
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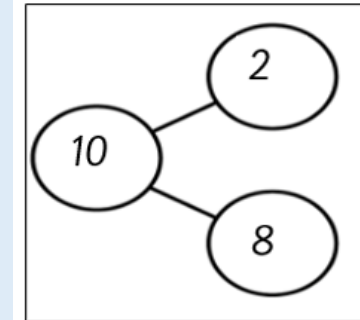
_____ + _____ = _____.

_____ + _____ = _____.

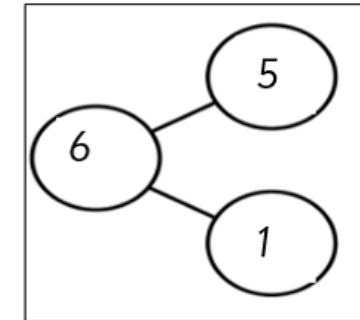


_____ + _____ = _____.

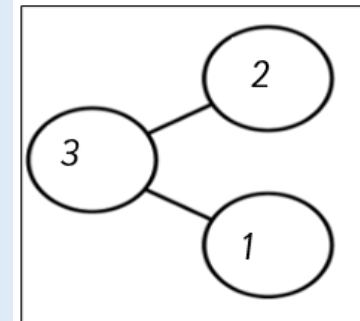
_____ + _____ = _____.



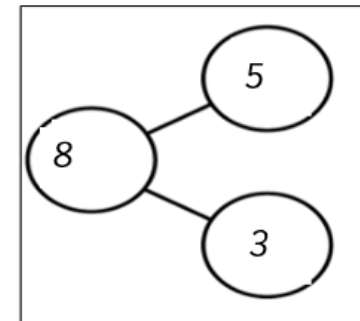
_____ + _____ = _____



_____ + _____ = _____






_____ + _____ = _____



_____ + _____ = _____

Self Assessment

Do you understand the task?

Thursday 16th October 2025



L.Q: Can I find subtraction facts?

Steps to success



I can start with the biggest number first.

I can say each part in the number sentence.

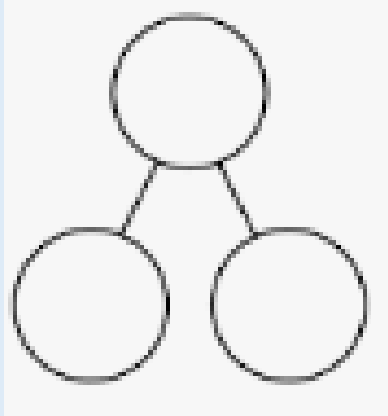
I can switch numbers around to show the same fact.



Star words



part- whole model



in total

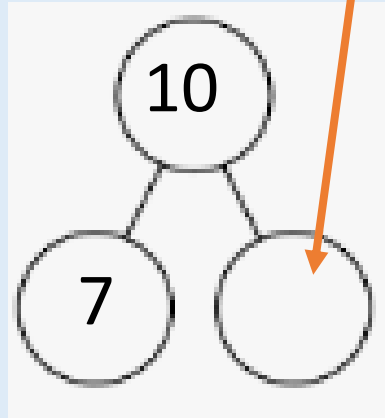
=

number sentence

$$10 - 4 = 6$$

$$10 - 6 = 4$$

missing number



fact families

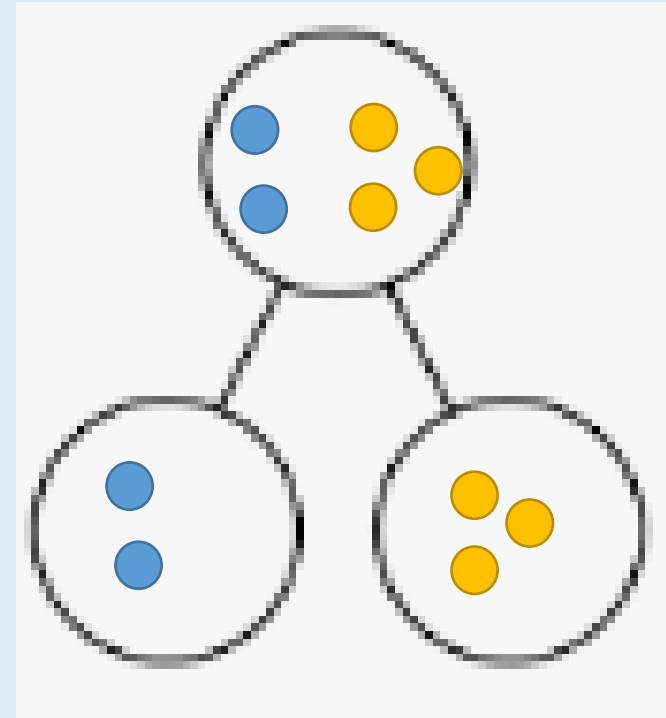


subtract

-



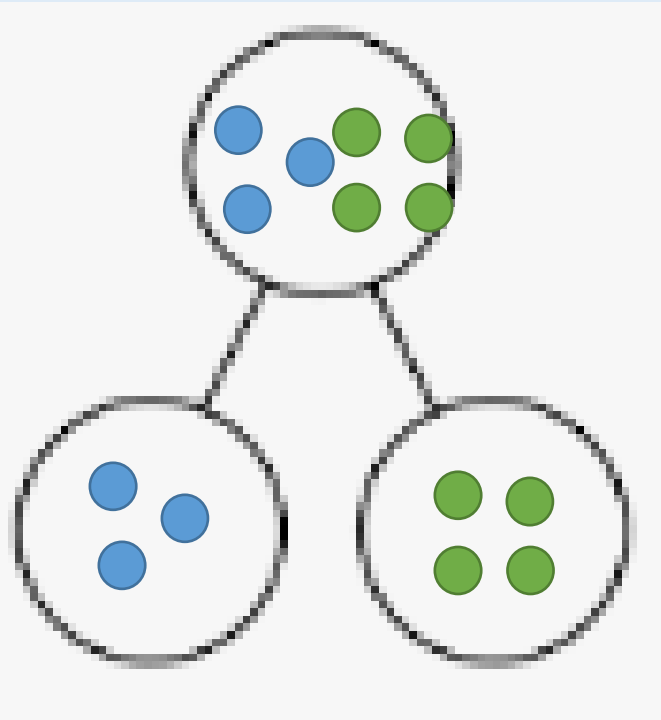
What is this
symbol?



When we subtract we have to start
with the **biggest** number. The biggest
number is the **whole** number.

Lets try a few together.

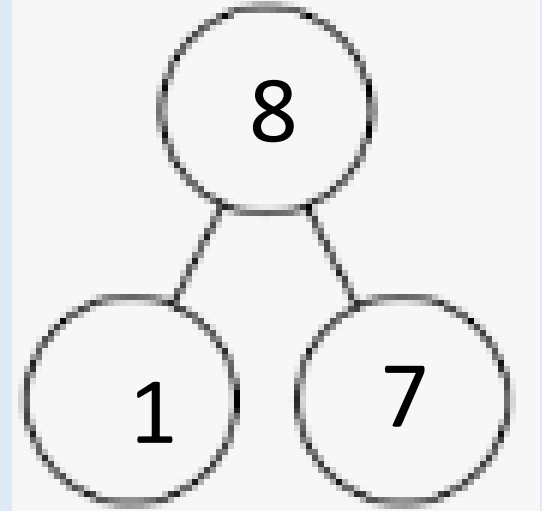
Teacher to model writing the number sentence.



Write the number sentence

Lets try a few together.

Remember, when we subtract we have to start with the **biggest** number. The **whole** number.



Write the number sentence

TP: What is the part?

TP: What is the whole?

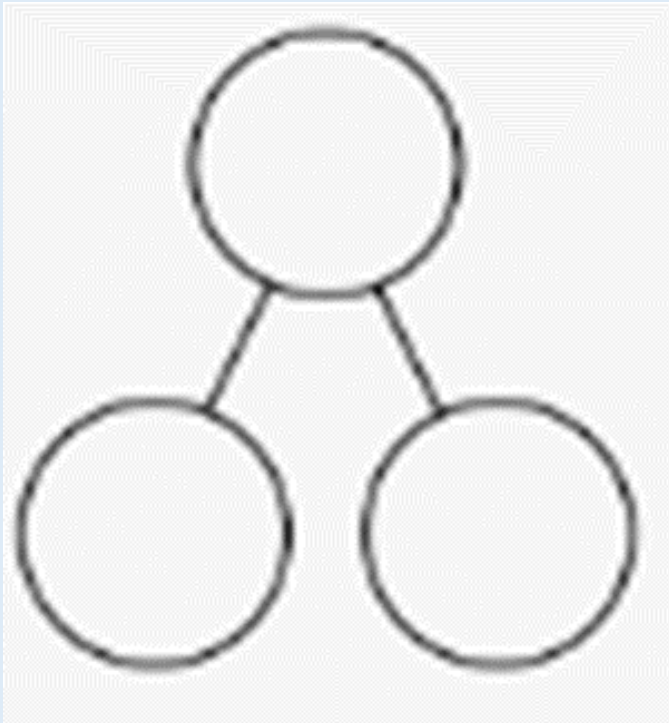
Look at the picture.



Complete the part-whole model and the fact family.

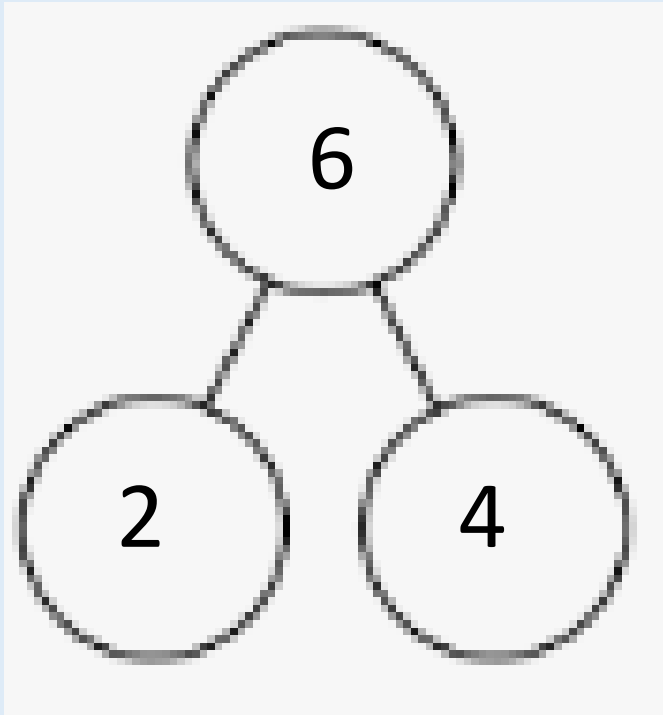
What number do we start with?

$$\begin{array}{r} \underline{\quad} - \underline{\quad} = \underline{\quad} \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$



What number do we start with?

Write the number sentence

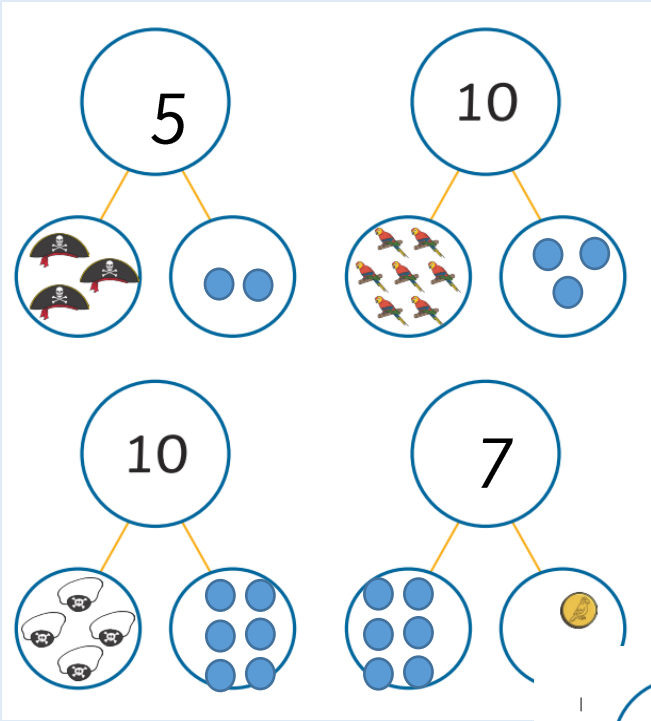


Self Assessment

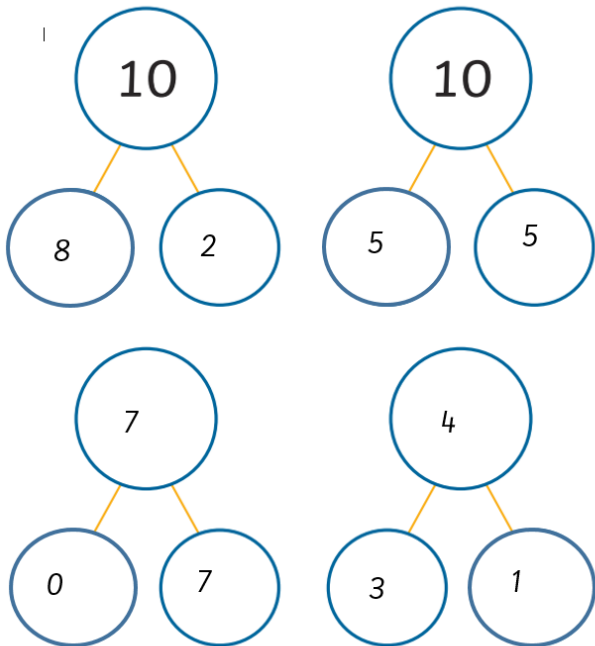
Do you understand how to find subtraction facts?



Your task



Challenge



Write the subtraction facts to match the part whole model.

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

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

Start with the **biggest** number.

Self Assessment
Do you understand the task?

Friday 17th October 2025



L.Q: Can I find subtraction facts?

Steps to success

I can start with the biggest number first.

I can say each part in the number sentence.

I can switch numbers around to show the same fact.

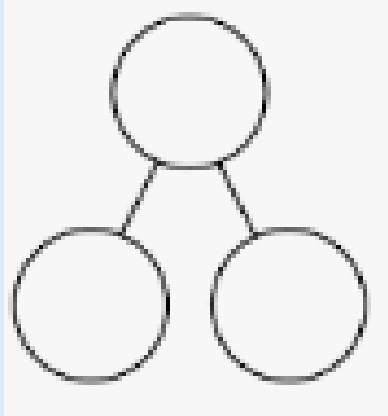




Star words



part- whole model



in total

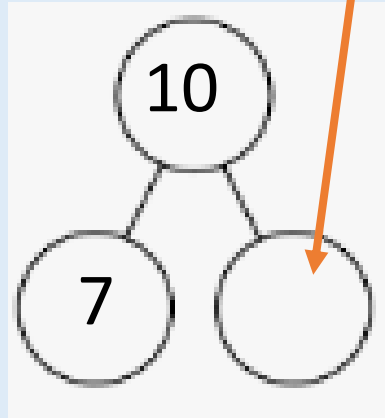
=

number sentence

$$10 - 4 = 6$$

$$10 - 6 = 4$$

missing number



fact families



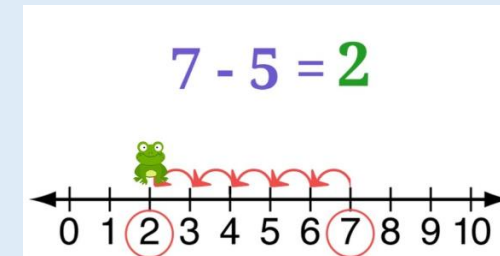
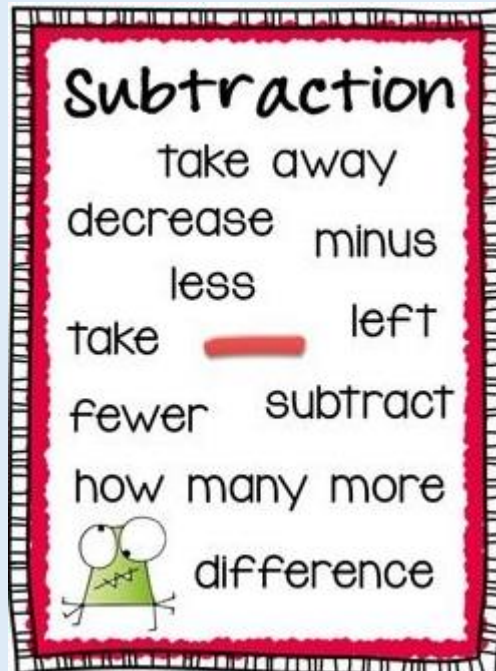
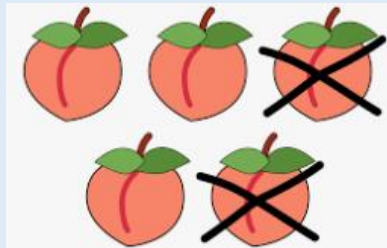
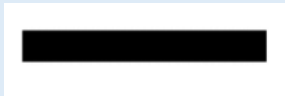
subtract

-



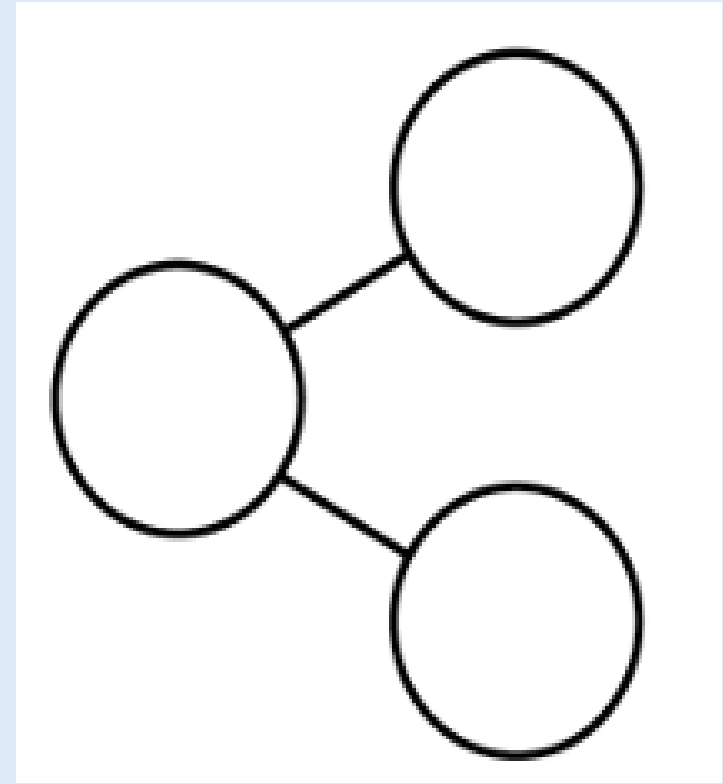
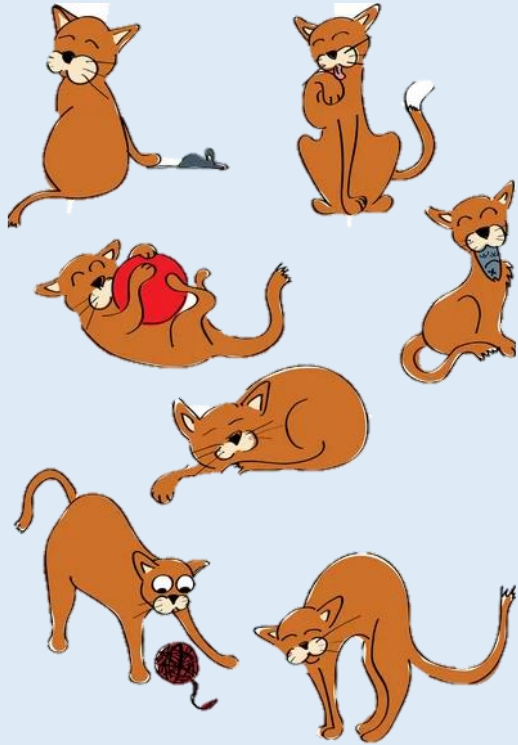
Today we are going to find **subtraction facts** within 10. When we subtract the number gets **smaller** because we are counting **backwards**.

Sometimes people call subtraction; minus, take away, fewer, left.



Nicole has 7 cats in total.

4 cats get stuck in a tree. What is the other part?



Now we have completed our part whole model, let's write subtraction facts.

Start with the **biggest** number.

	-		=	
	-		=	

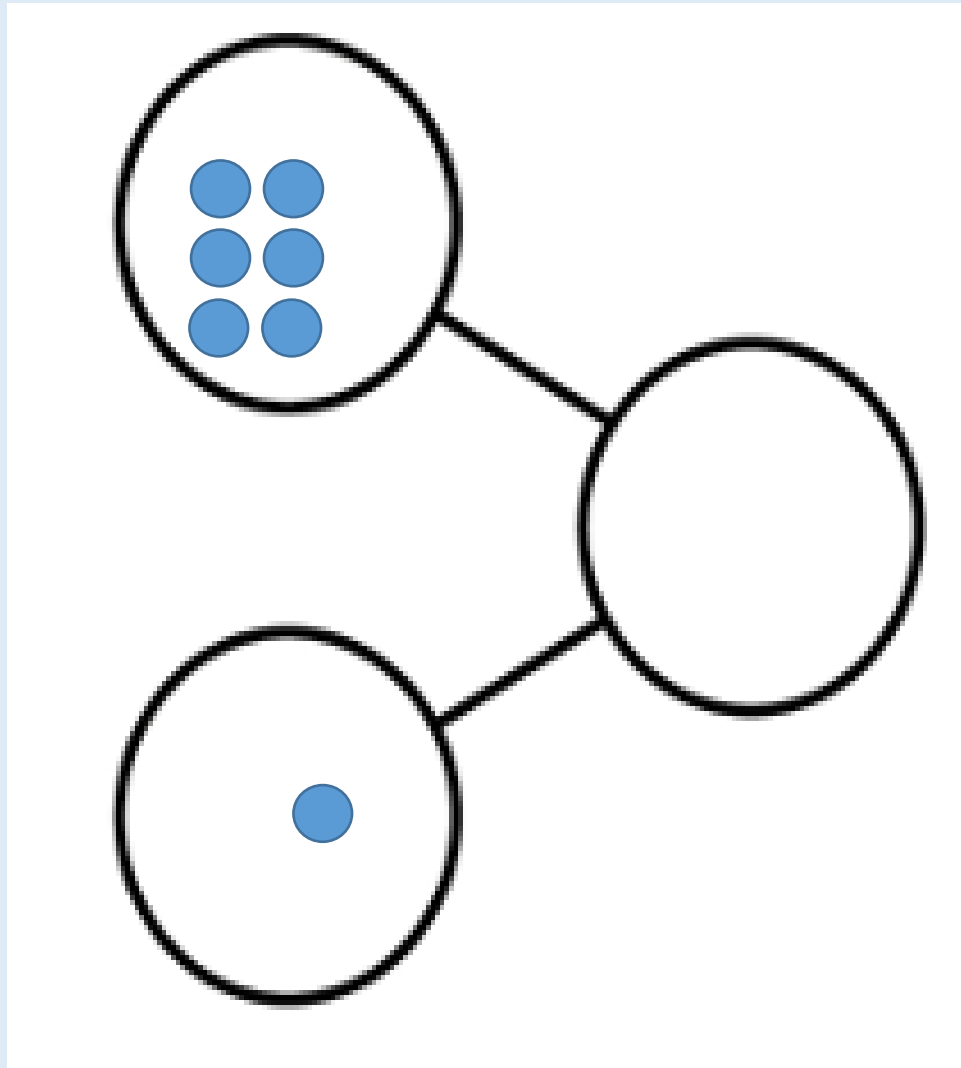
TP: The whole is ____.

TP: The parts are ____.

Start with the **biggest** number.



On your whiteboard write
the subtraction facts for this part-whole model.



Teacher to model on the board.

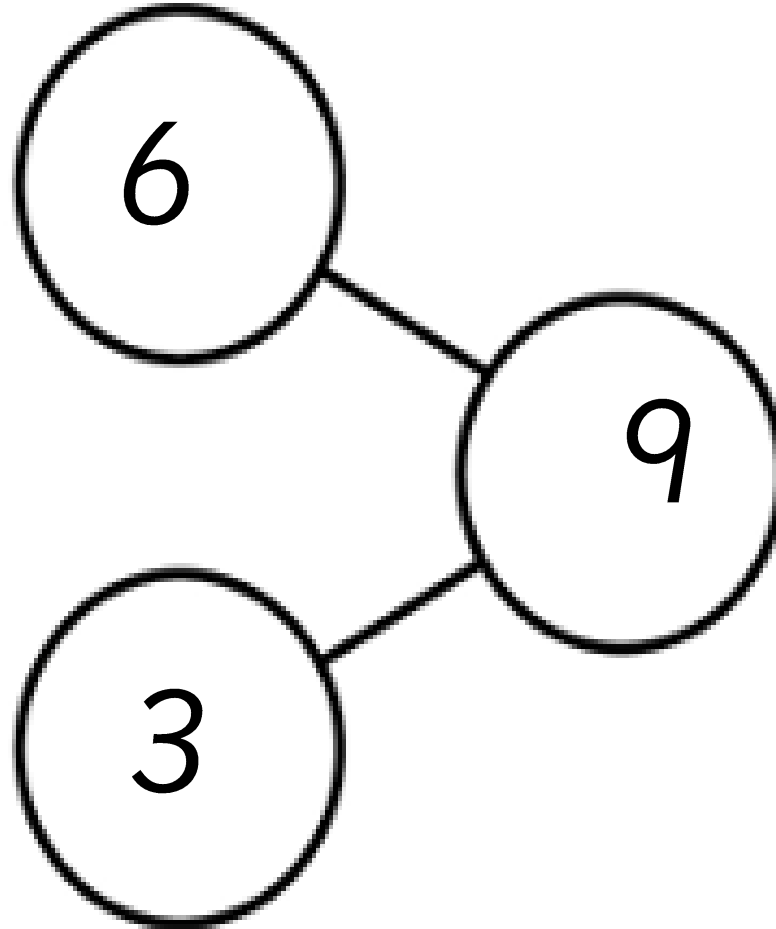
TP: The whole is ____.

TP: The parts are ____.

Start with the **biggest** number.



On your whiteboard write
the subtraction facts for this part-whole model.



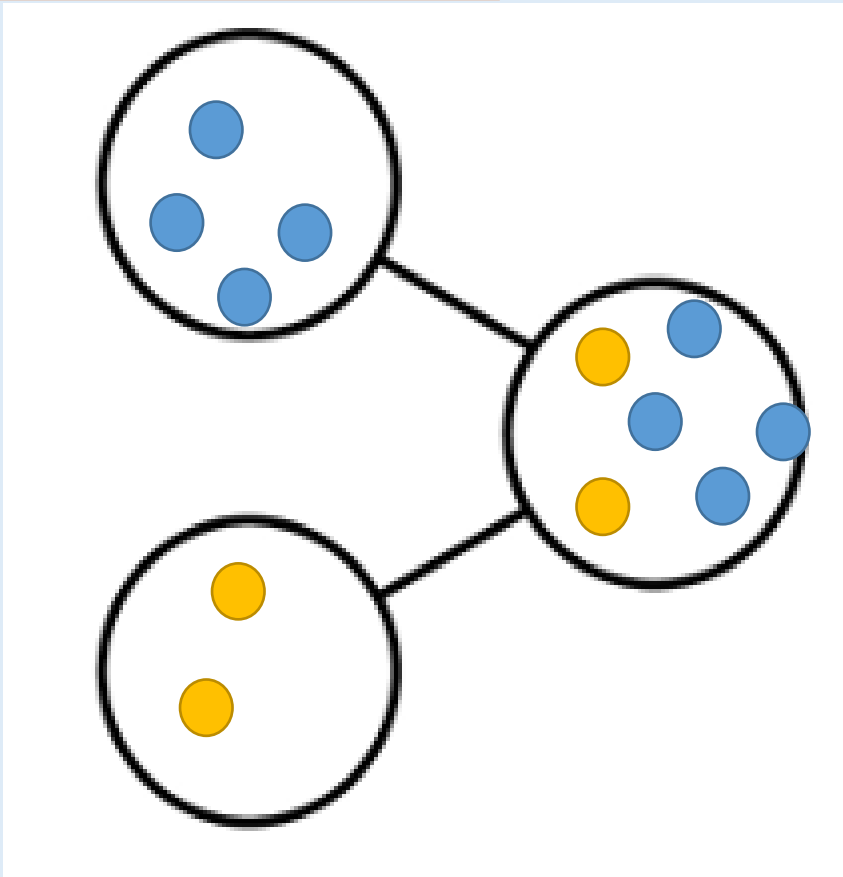
Teacher to model on the board.

Start with the **biggest** number.

TP: The whole is ____.

TP: The parts are ____.

On your whiteboard write
the subtraction facts for this part-whole model.



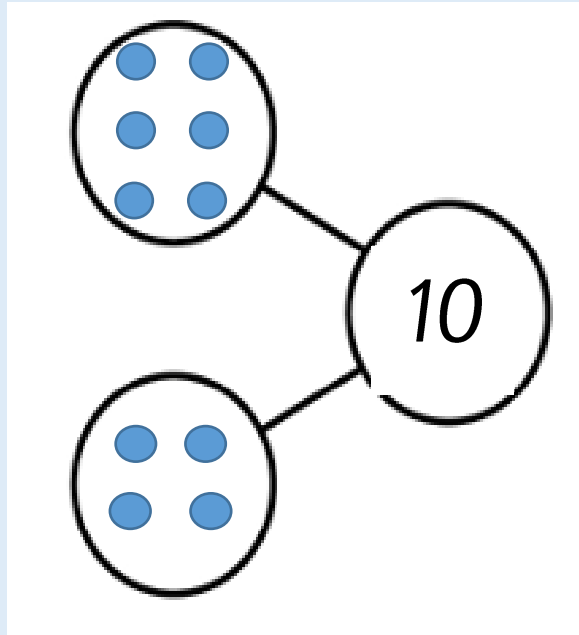
Teacher to model on the board.

Self Assessment

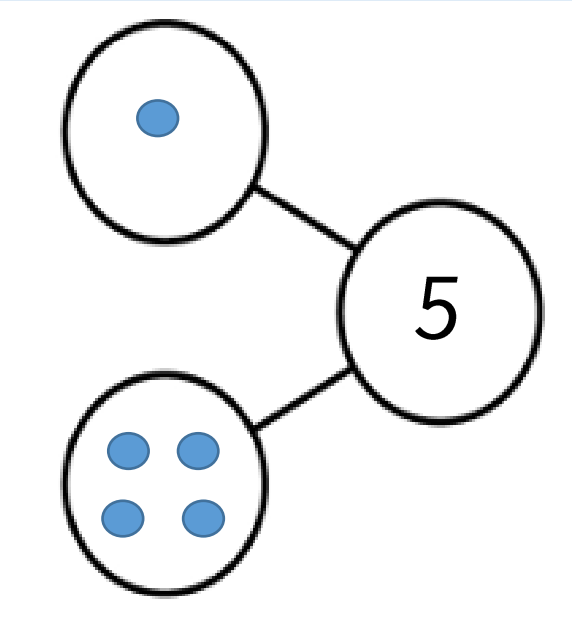
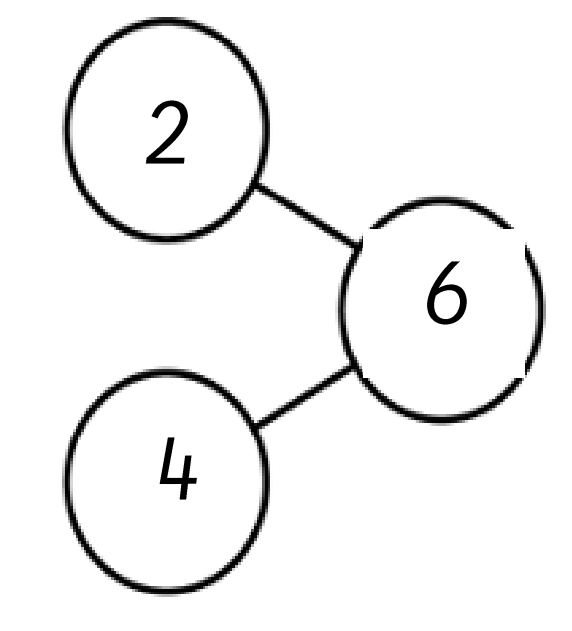
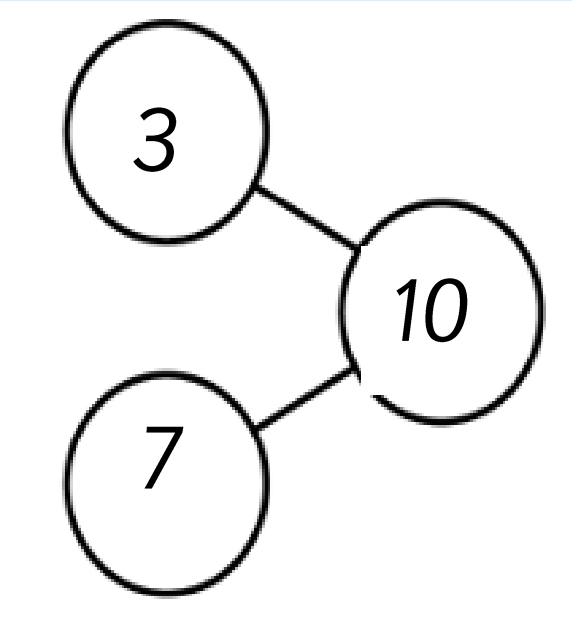
Do you understand how to find
subtraction facts?



Your task



Start with the **biggest** number/ amount.






Challenge: Write the number sentence to match.

Blank lines for writing number sentences:

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

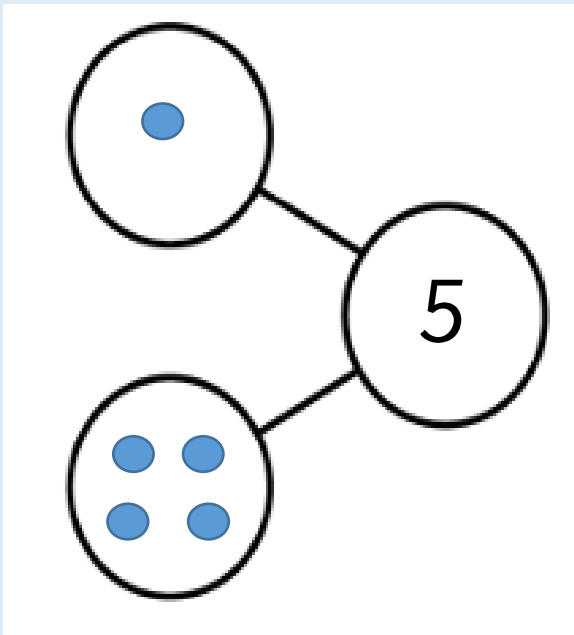
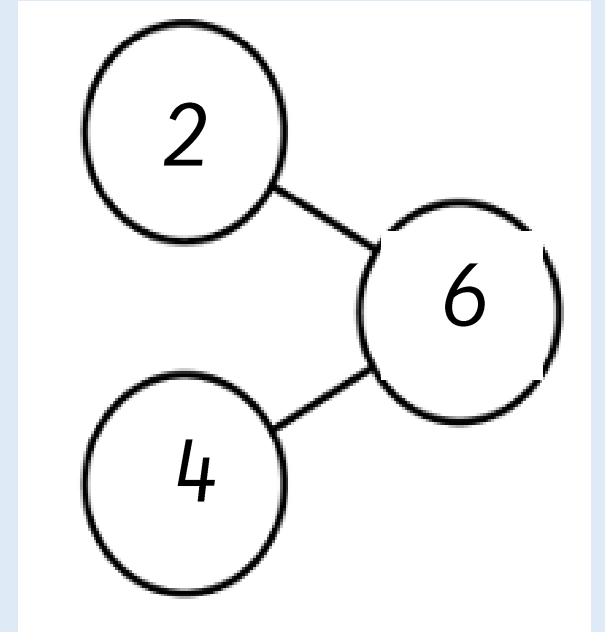
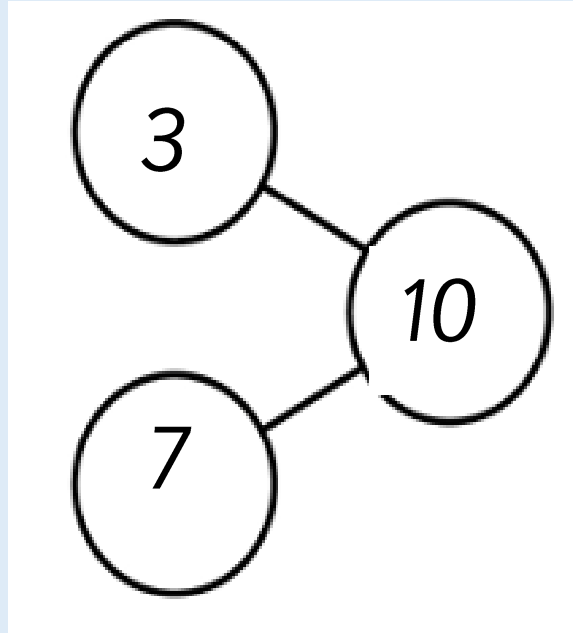
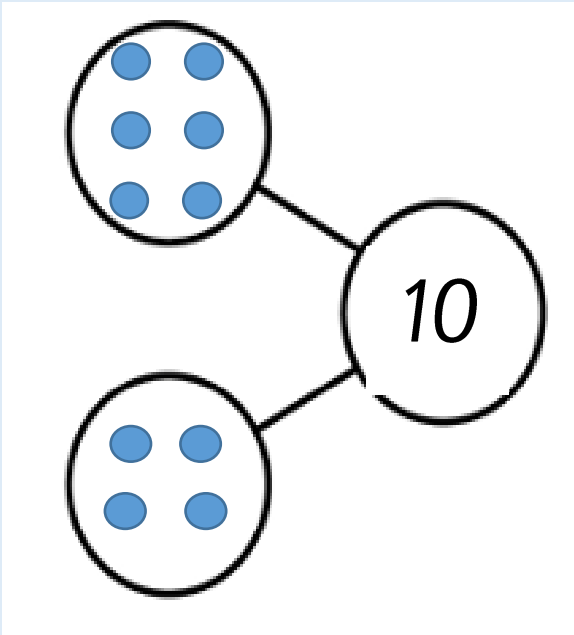
Self Assessment
Do you understand the task?



Your task

Start with the **biggest** number/ amount.



Challenge: Write the number sentence to match.

_____ - _____ = _____

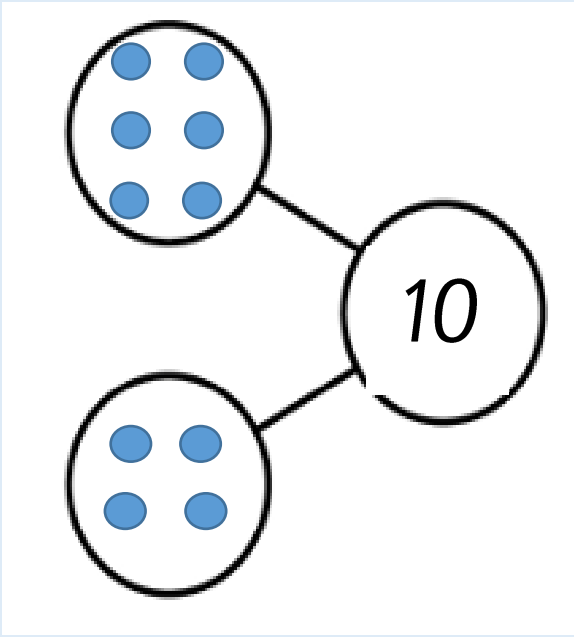
_____ - _____ = _____

Self Assessment

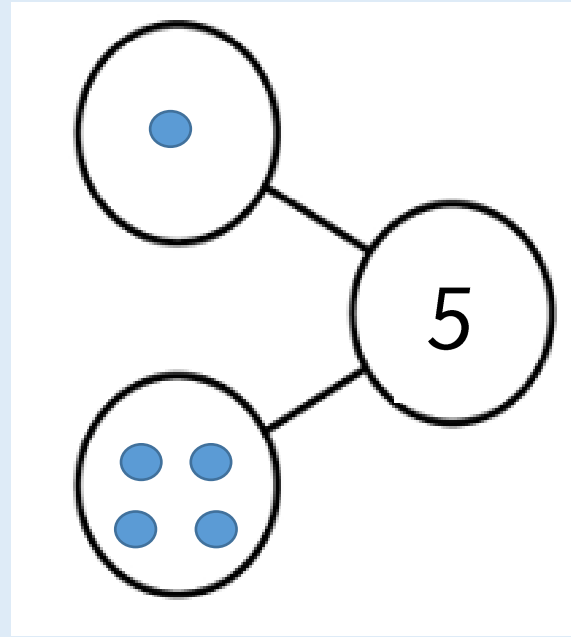
Do you understand the task?



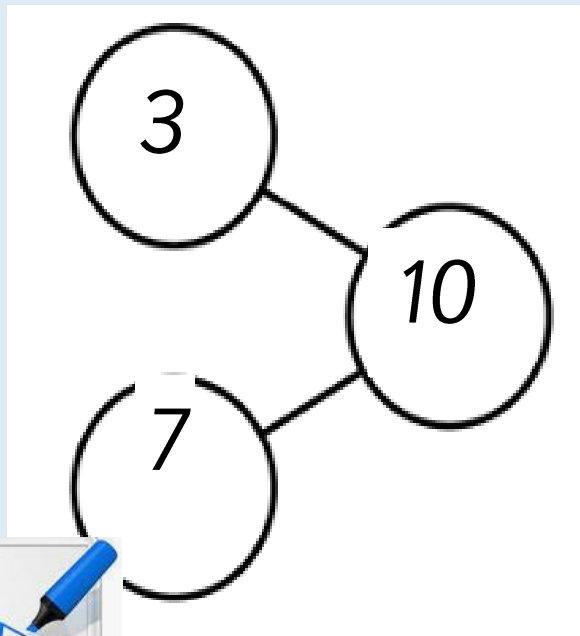
Start with the **biggest** number/ amount.



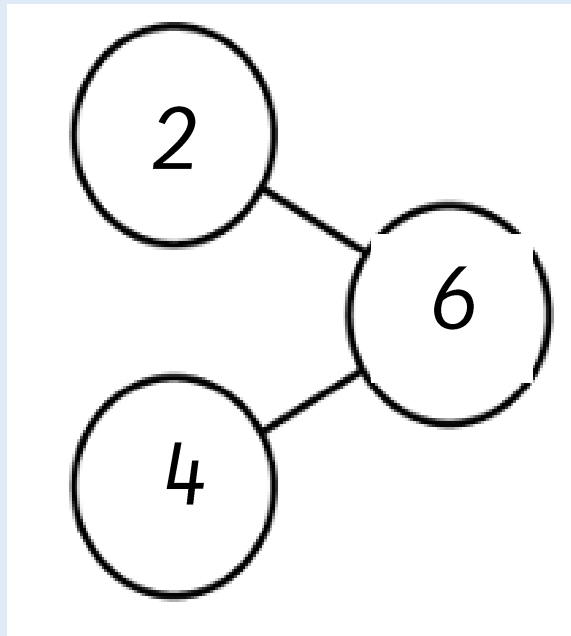
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

