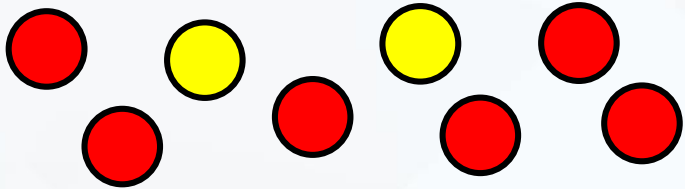
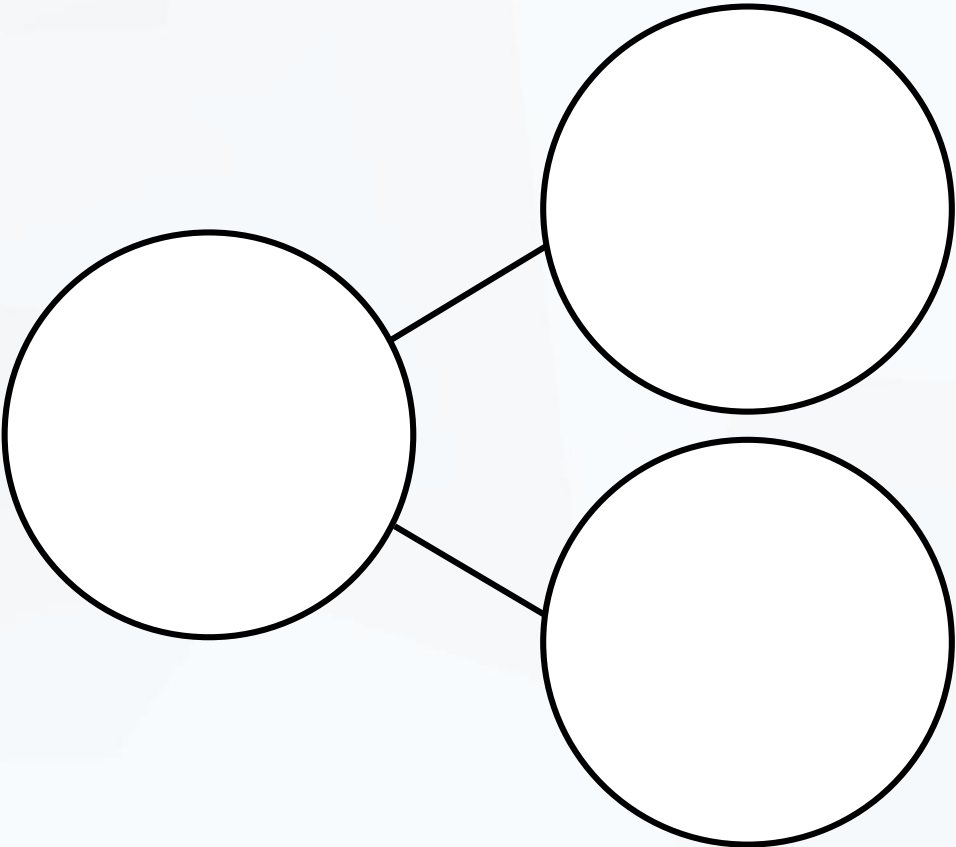


Addition

Complete:

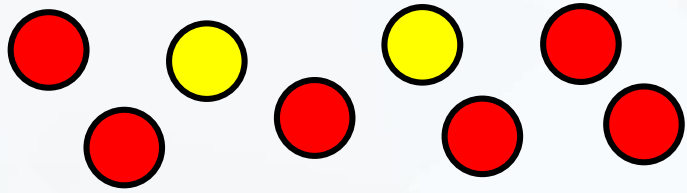


\_\_\_\_\_ red counters plus  
 \_\_\_\_\_ yellow counters  
 is equal to \_\_\_\_\_ counters.

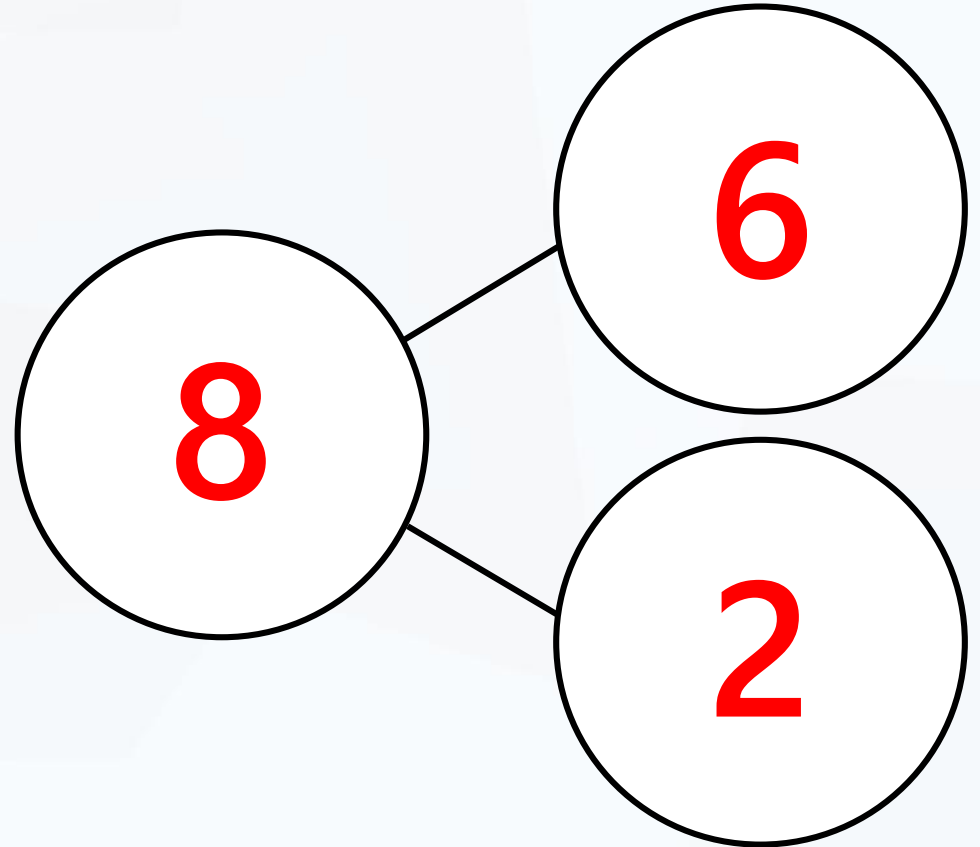


$$\square + \square = \square$$

Complete:

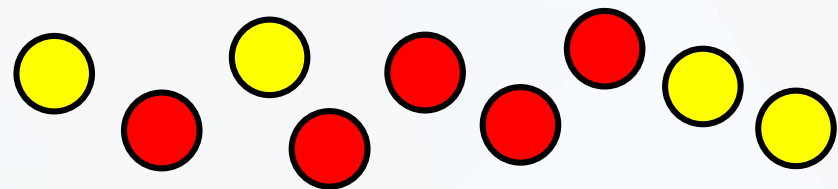


6 red counters plus  
2 yellow counters  
is equal to 8 counters.

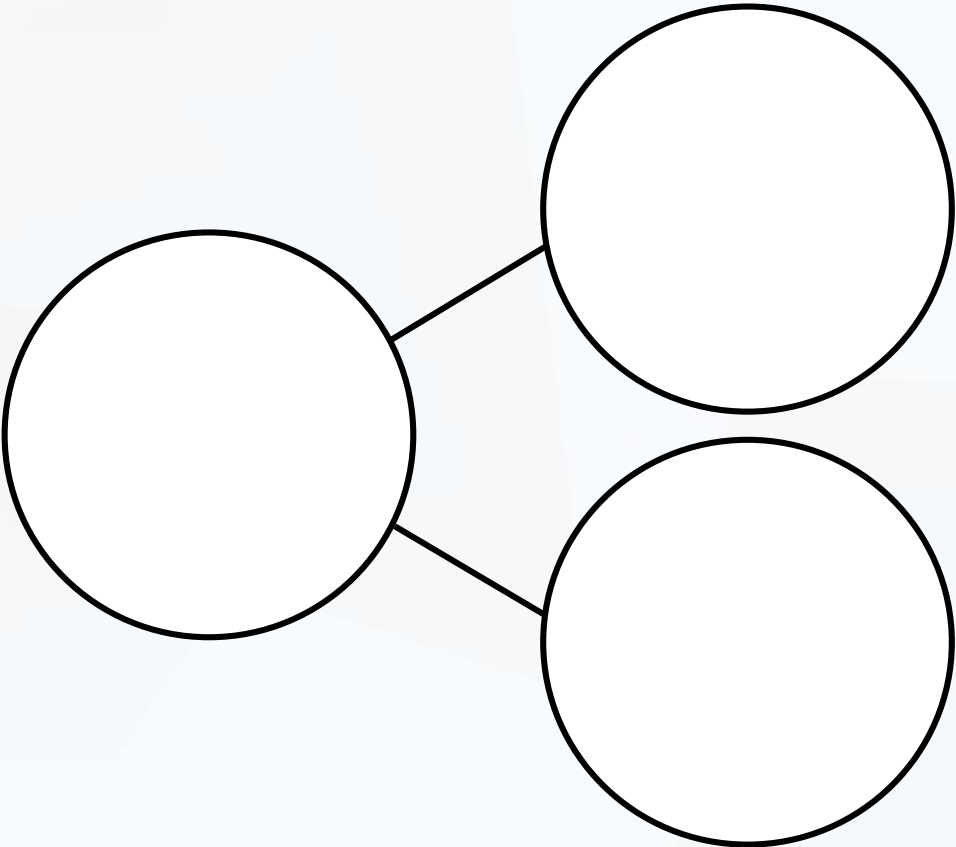


$$\boxed{6} + \boxed{2} = \boxed{8}$$

Complete:

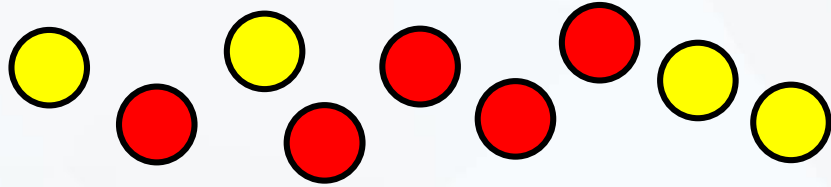


\_\_\_\_\_ red counters plus  
 \_\_\_\_\_ yellow counters  
 is equal to \_\_\_\_\_ counters.

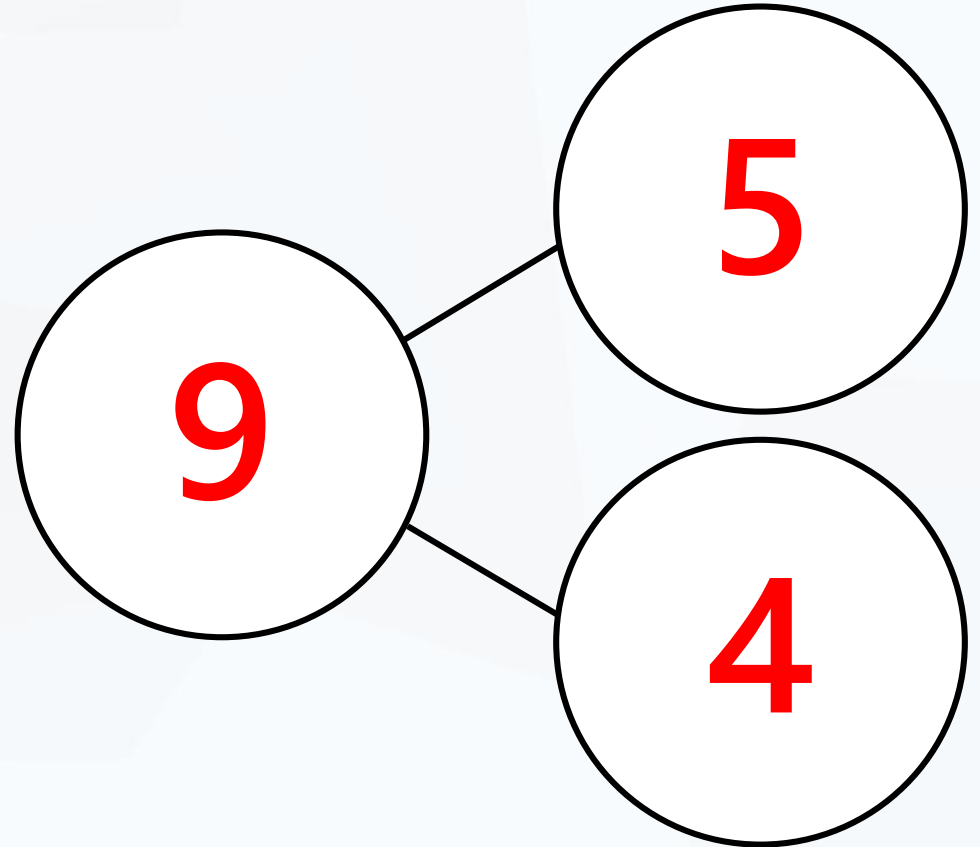


$$\square + \square = \square$$

Complete:

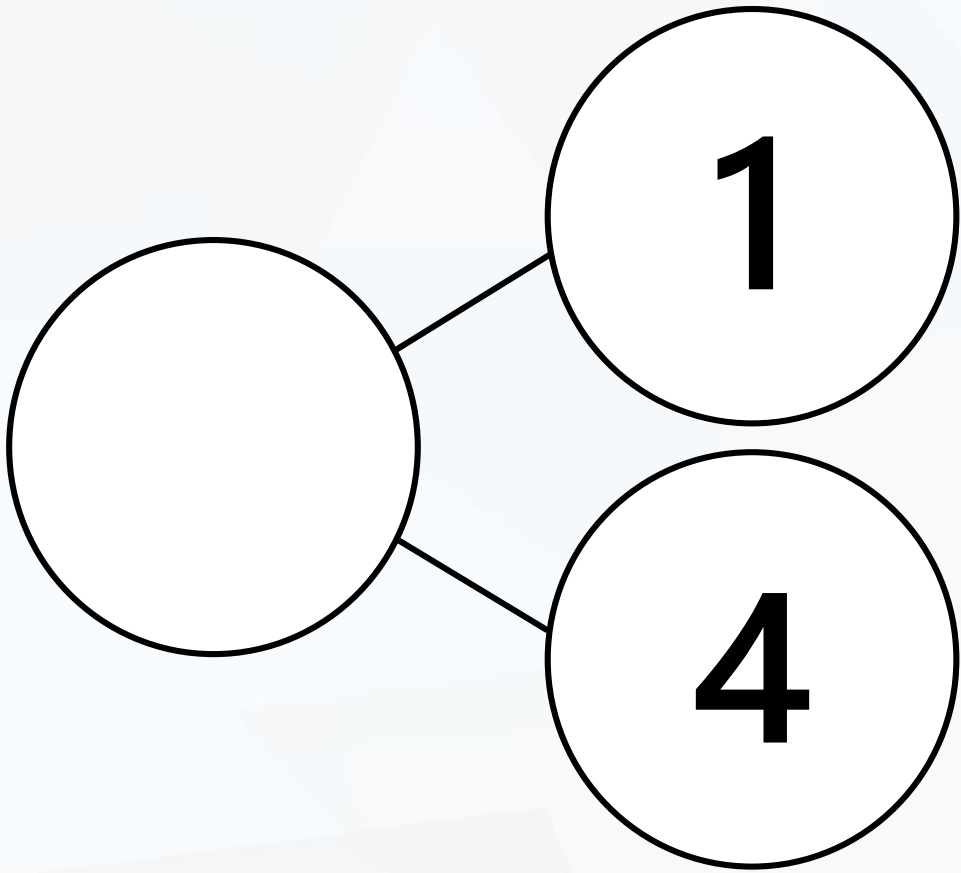


5 red counters plus  
4 yellow counters  
is equal to 9 counters.



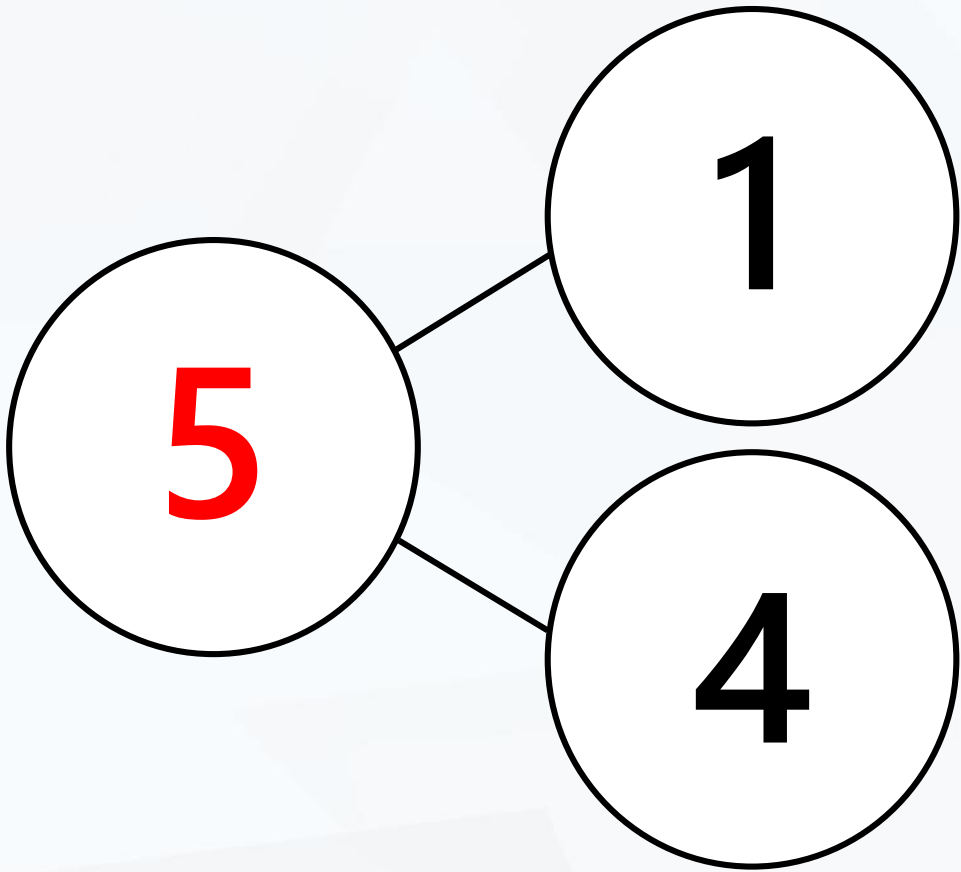
$$\boxed{5} + \boxed{4} = \boxed{9}$$

Complete the part-whole model and number sentences.



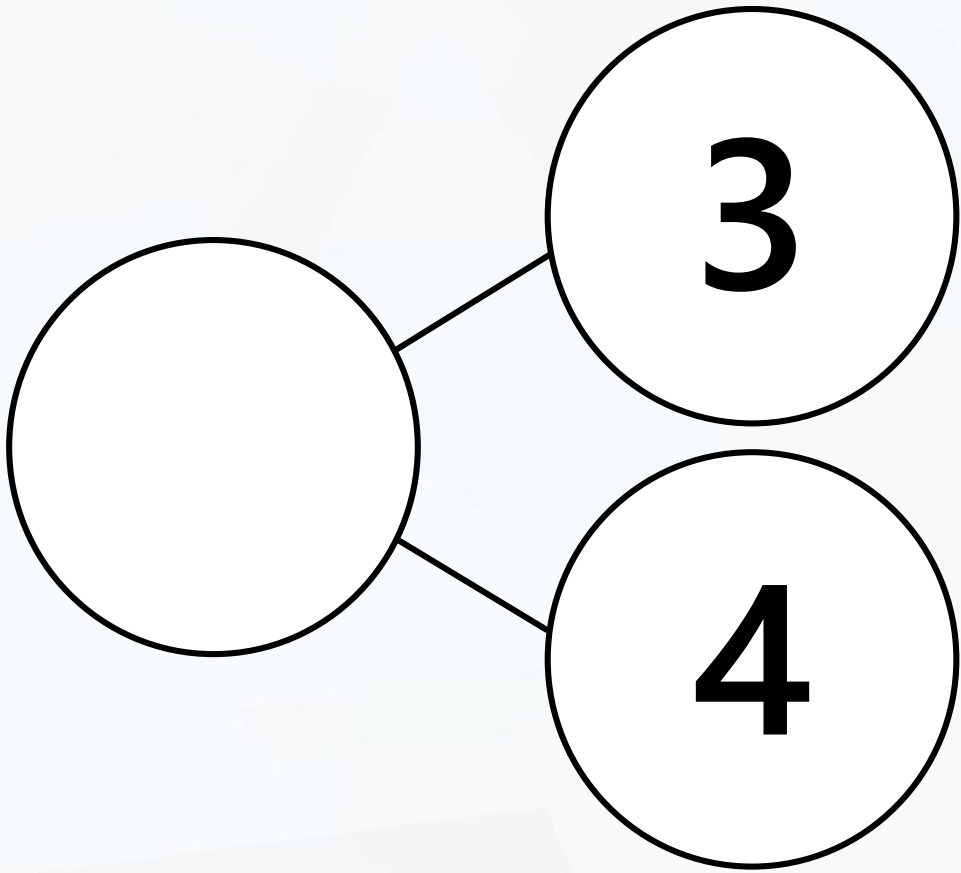
$$\begin{array}{rclcl} \boxed{1} & + & \boxed{4} & = & \boxed{\phantom{00}} \\ \boxed{4} & + & \boxed{1} & = & \boxed{\phantom{00}} \end{array}$$

Complete the part-whole model and number sentences.



$$\begin{array}{rcl} \boxed{1} & + & \boxed{4} = \boxed{5} \\ \boxed{4} & + & \boxed{1} = \boxed{5} \end{array}$$

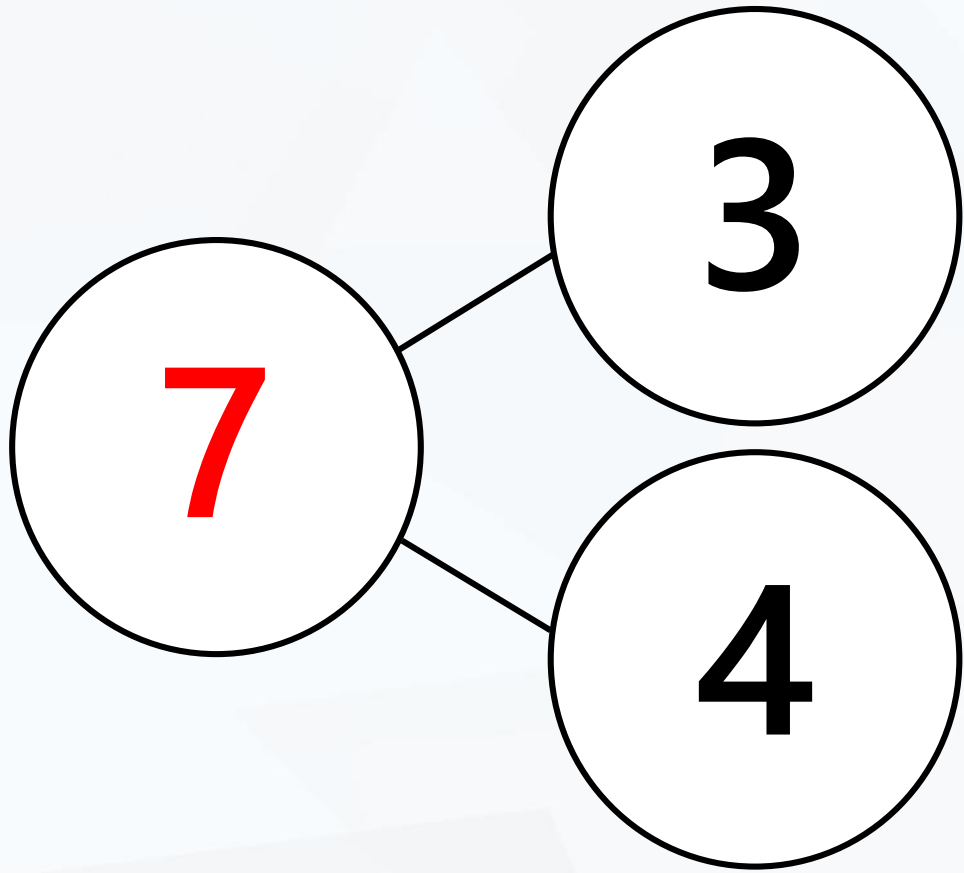
Complete the part-whole model and number sentences.



$$\begin{array}{rclcl} \boxed{3} & + & \boxed{4} & = & \boxed{\phantom{00}} \\ \boxed{4} & + & \boxed{3} & = & \boxed{\phantom{00}} \end{array}$$

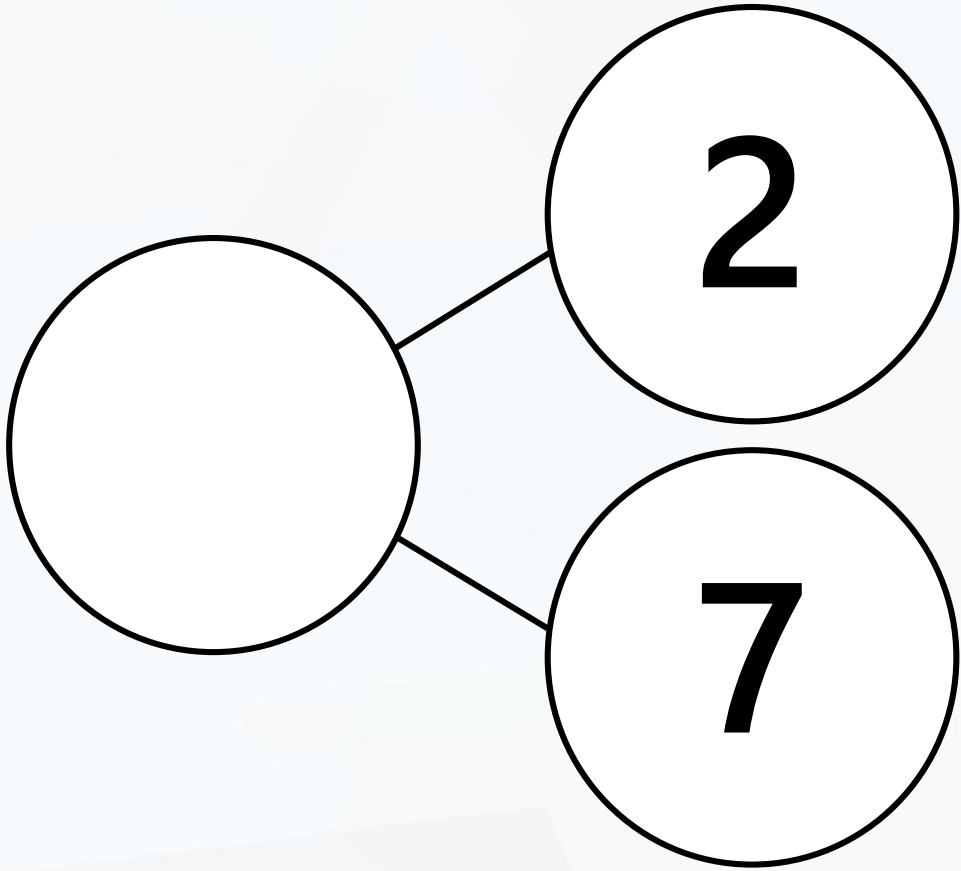


Complete the part-whole model and number sentences.



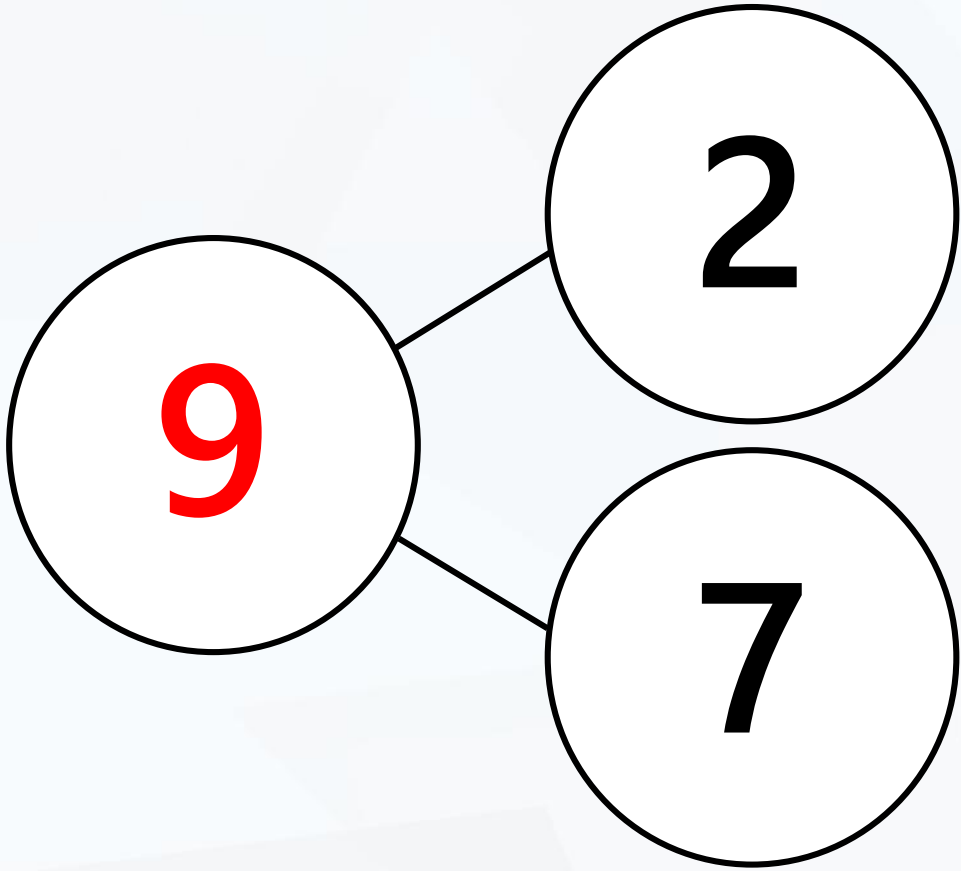
$$\begin{array}{rcl} \boxed{3} & + & \boxed{4} = \boxed{7} \\ \boxed{4} & + & \boxed{3} = \boxed{7} \end{array}$$

Complete the part-whole model and number sentences.



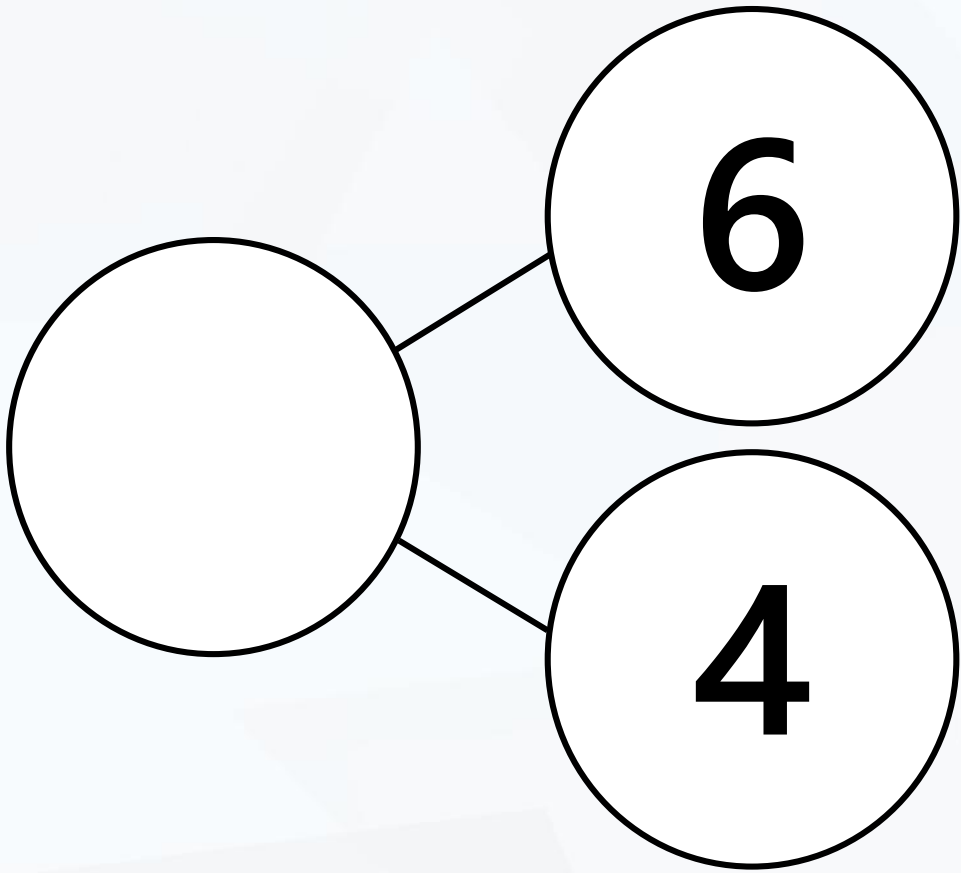
$$\begin{array}{ccccc} \square & + & \square & = & \square \\ \square & + & \square & = & \square \end{array}$$

Complete the part-whole model and number sentences.



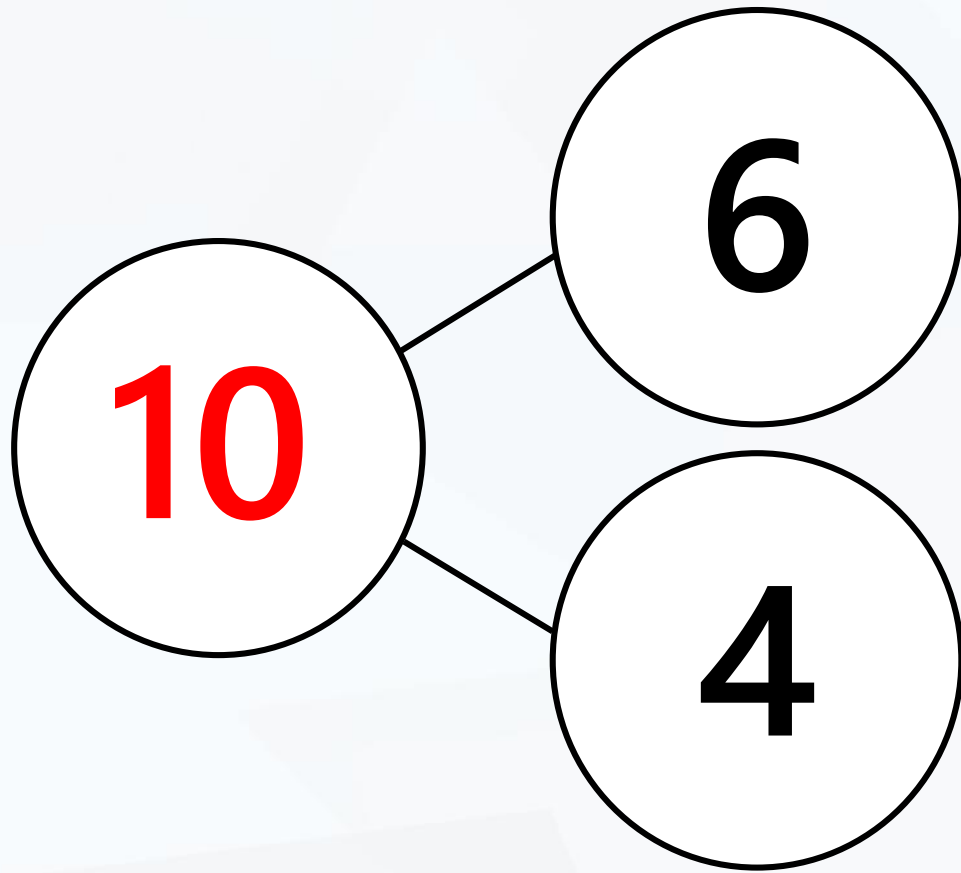
$$\begin{array}{rcl} \boxed{2} & + & \boxed{7} = \boxed{9} \\ \boxed{7} & + & \boxed{2} = \boxed{9} \end{array}$$

Complete the part-whole model and number sentences.



$$\begin{array}{ccccc} \square & + & \square & = & \square \\ \square & + & \square & = & \square \end{array}$$

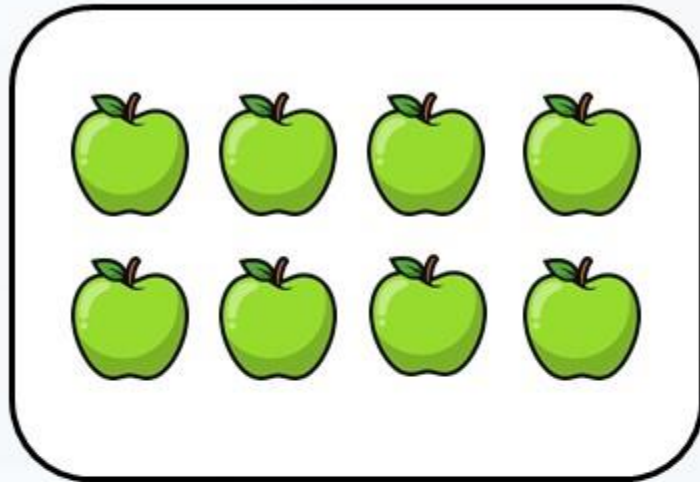
Complete the part-whole model and number sentences.



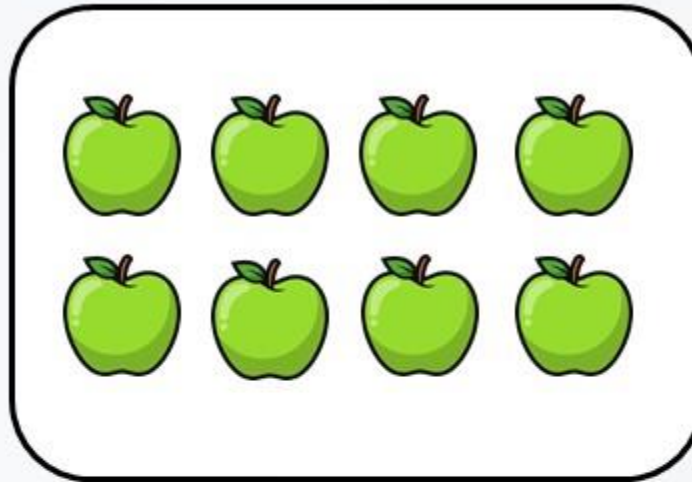
$$\begin{array}{rcl} \boxed{6} & + & \boxed{4} = \boxed{10} \\ \boxed{4} & + & \boxed{6} = \boxed{10} \end{array}$$

Add by counting on.

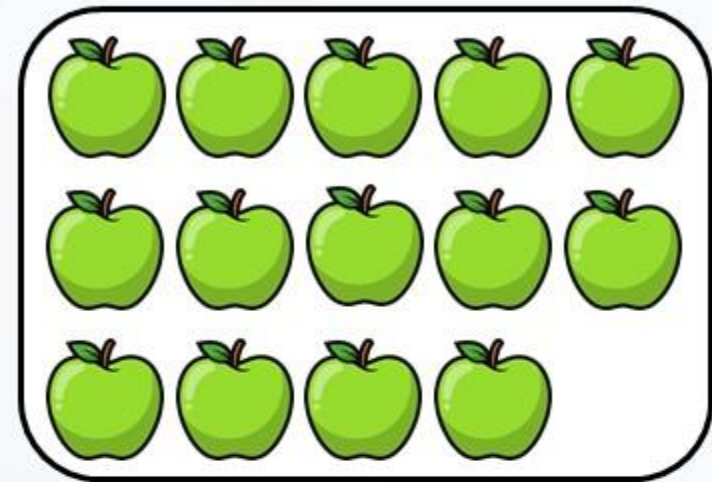
First



Then



Now

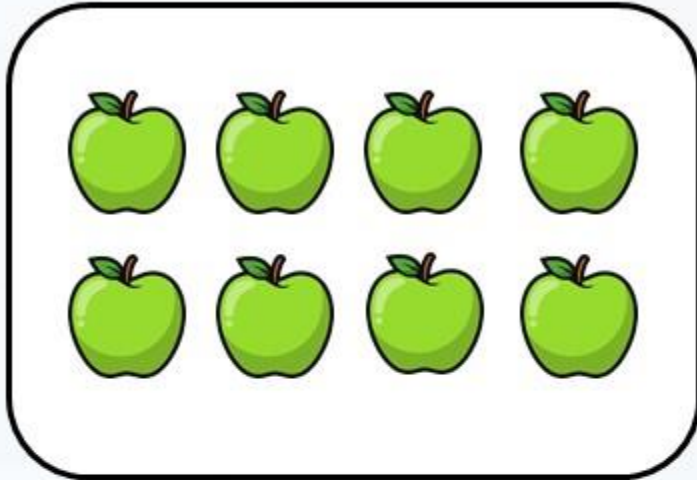


First there were \_\_\_\_ apples.

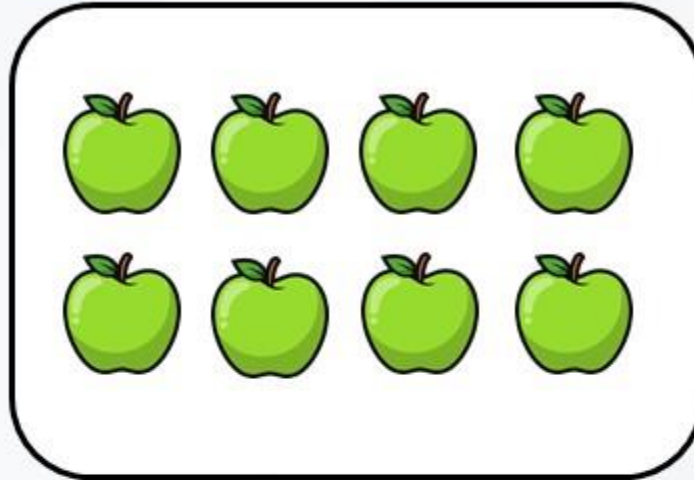
Then \_\_\_\_ more were added.

Now there are \_\_\_\_ apples.

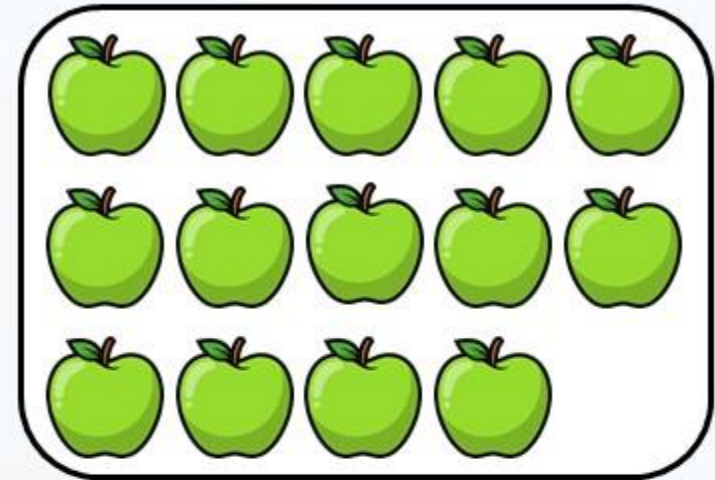
First



Then



Now



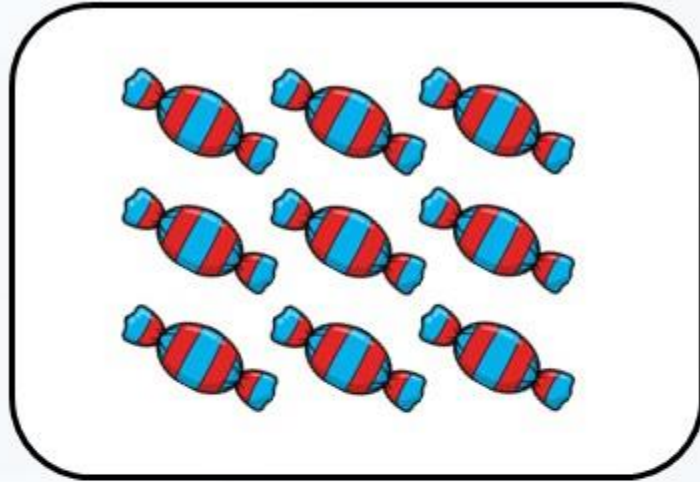
First there were 8 apples.

Then 6 more were added.

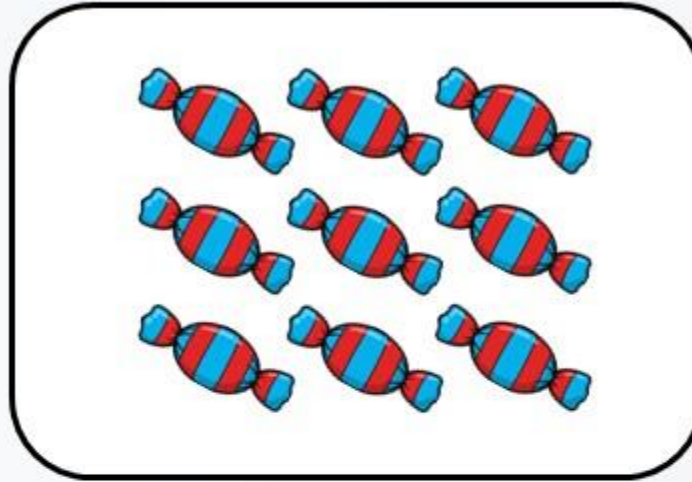
Now there are 14 apples.



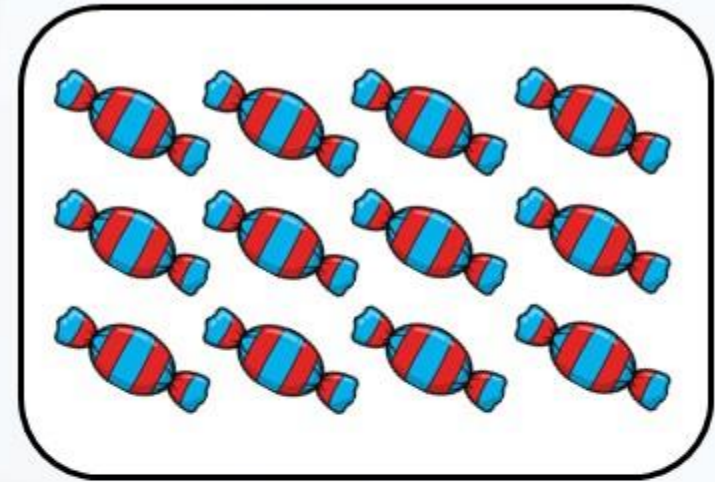
First



Then



Now

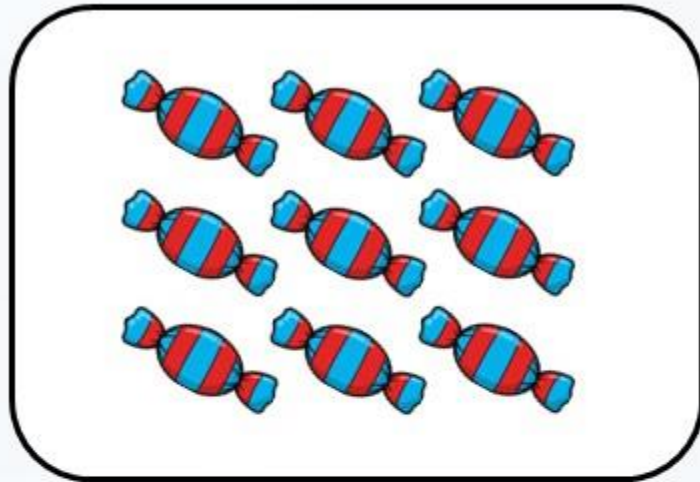


First there were \_\_\_\_ sweets.

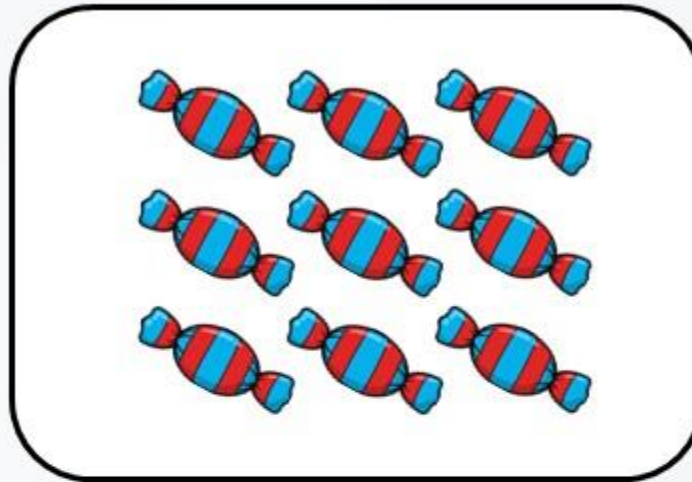
Then \_\_\_\_ more were added.

Now there are \_\_\_\_ sweets.

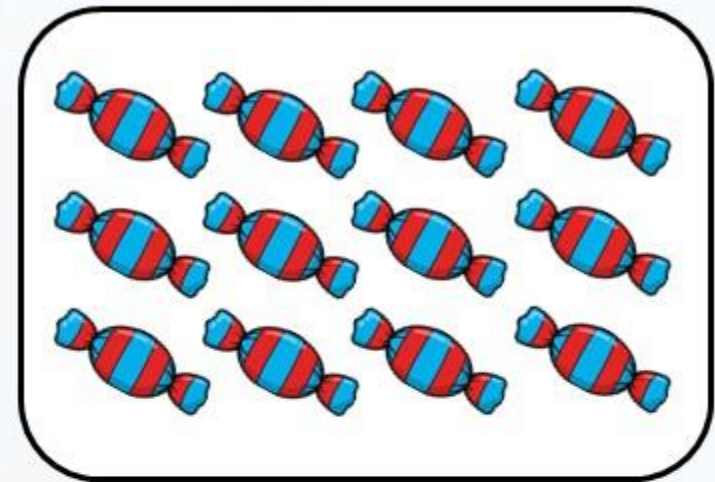
First



Then



Now

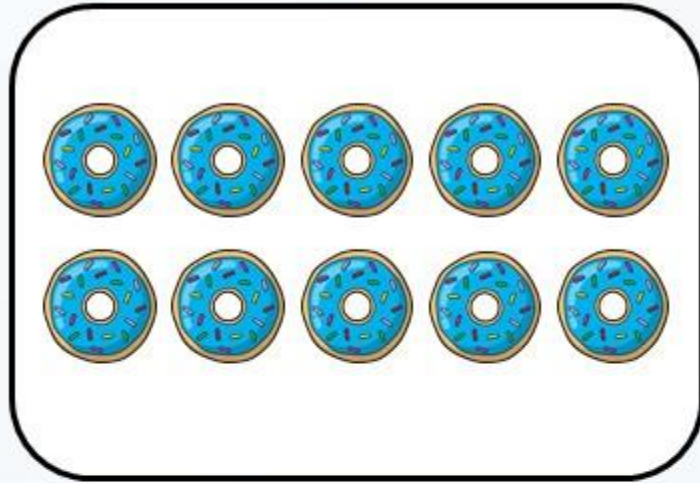


First there were 9 sweets.

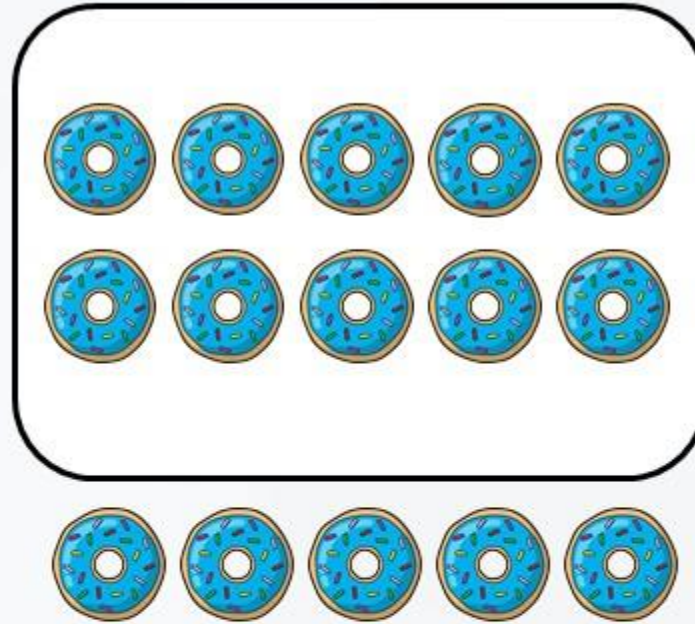
Then 3 more were added.

Now there are 12 sweets.

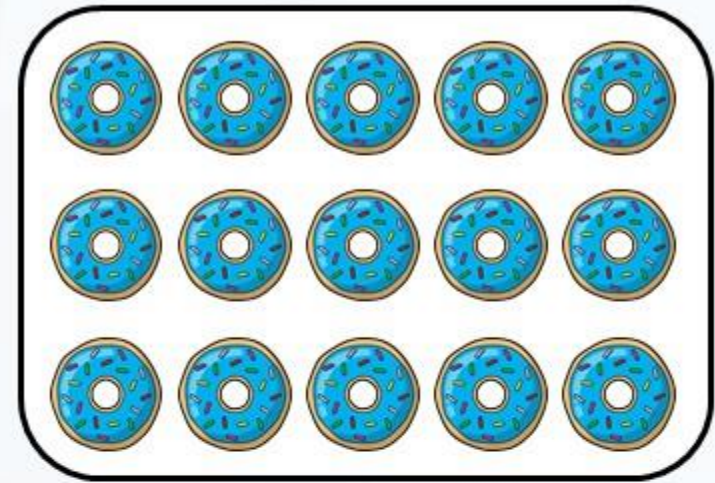
First



Then



Now

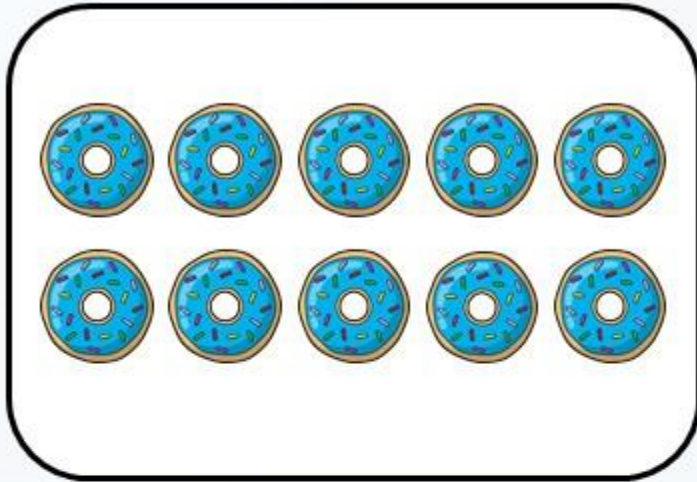


First there were \_\_\_\_ doughnuts.

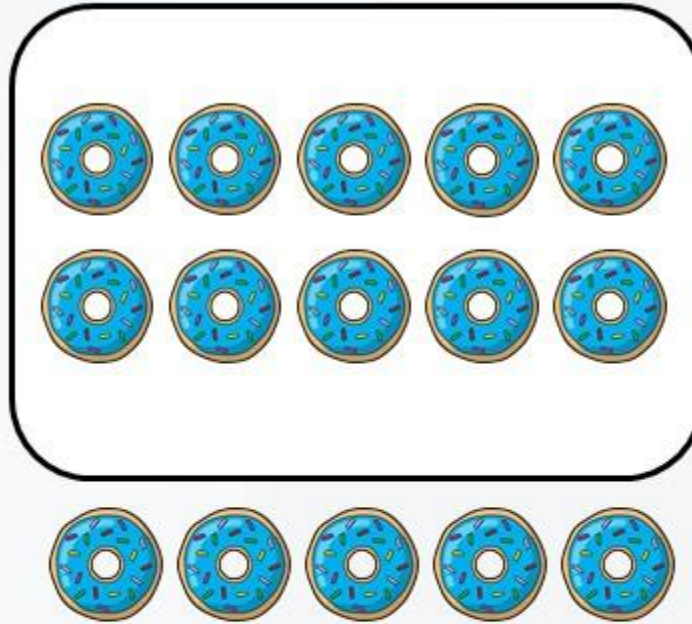
Then \_\_\_\_ more were added.

Now there are \_\_\_\_ doughnuts.

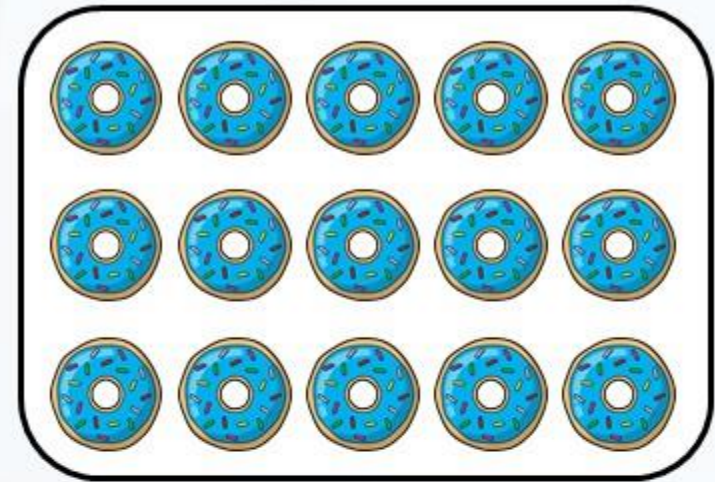
First



Then



Now



First there were 10 doughnuts.

Then 5 more were added.

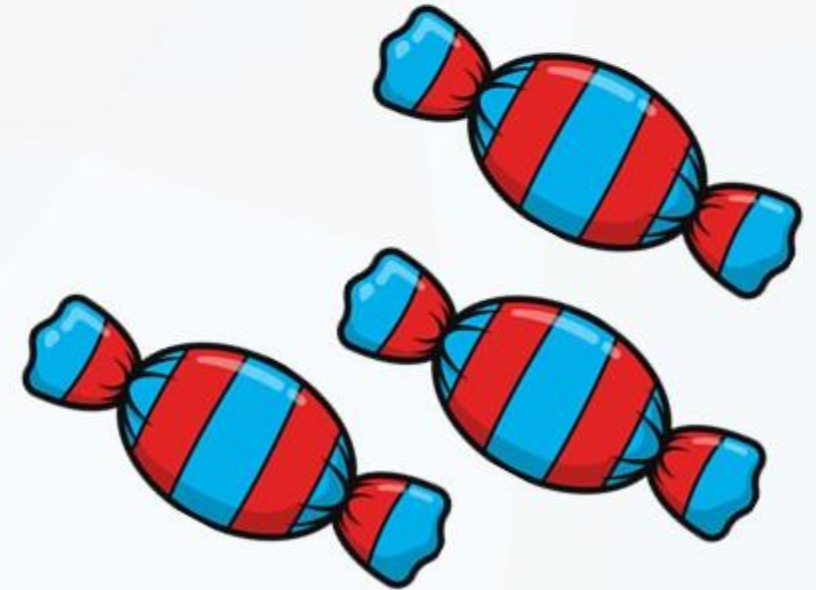
Now there are 15 doughnuts.





I start with 9 sweets.  
Then I get 8 more.  
I now have more than 18 sweets.

True or false?



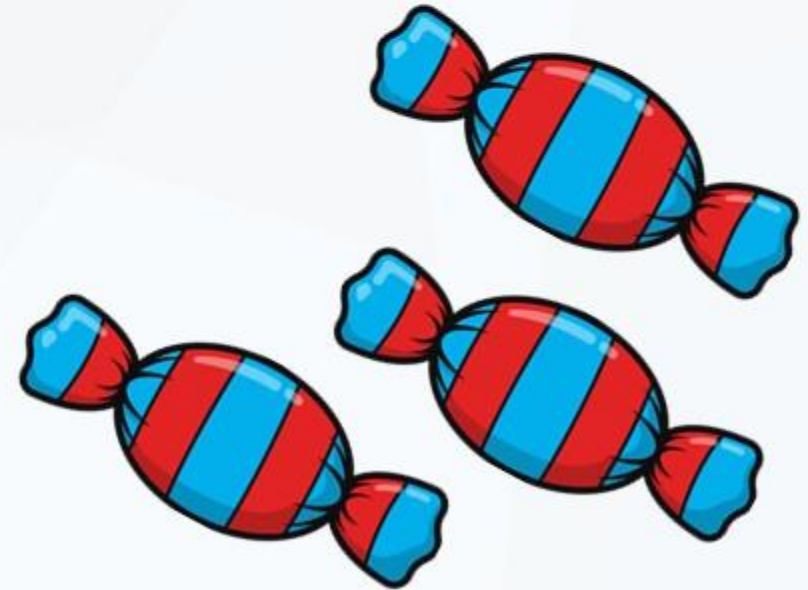


I start with 9 sweets.  
Then I get 8 more.  
I now have more than 18 sweets.

True or false?

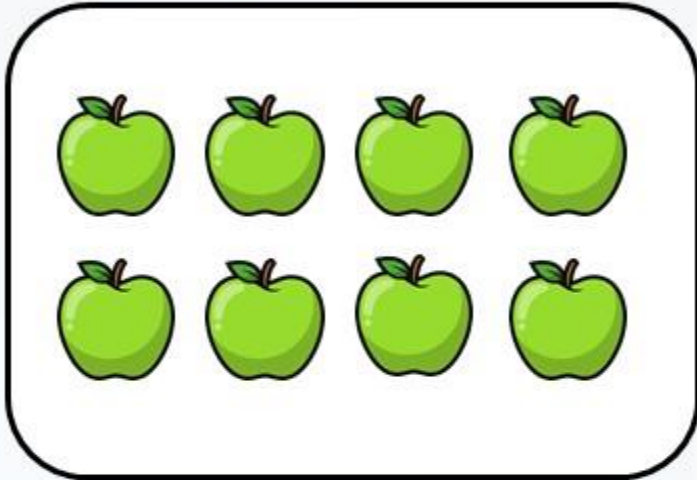
False.

$9 + 8 = 17$  (which is less than 18).



# How many apples should be in the 'Then' box?

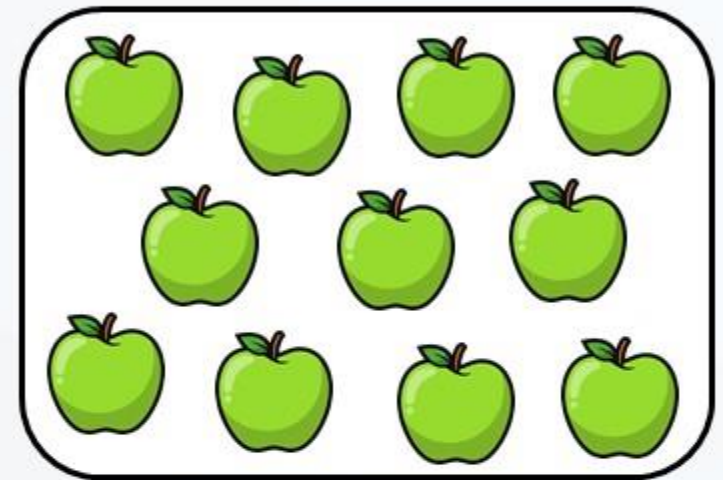
First



Then



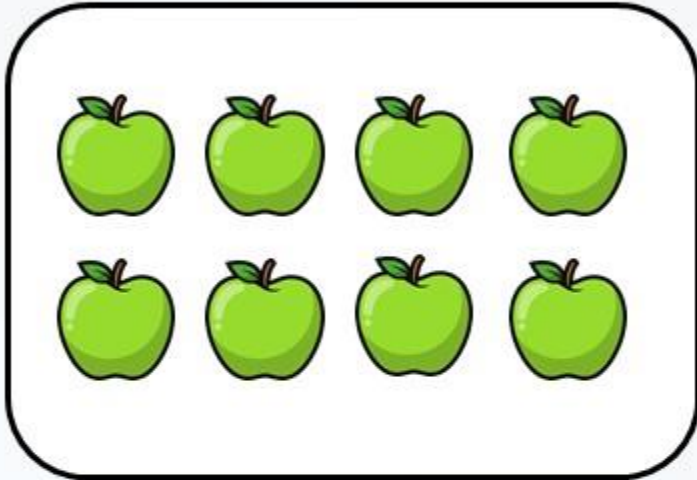
Now



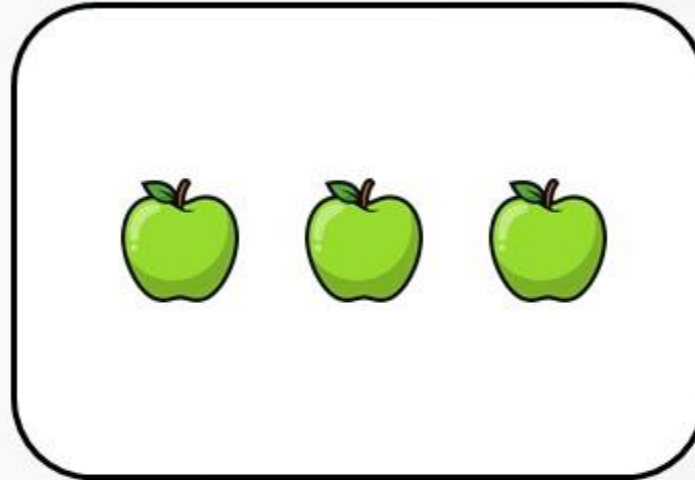
What calculation shows this: \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

# How many apples should be in the 'Then' box?

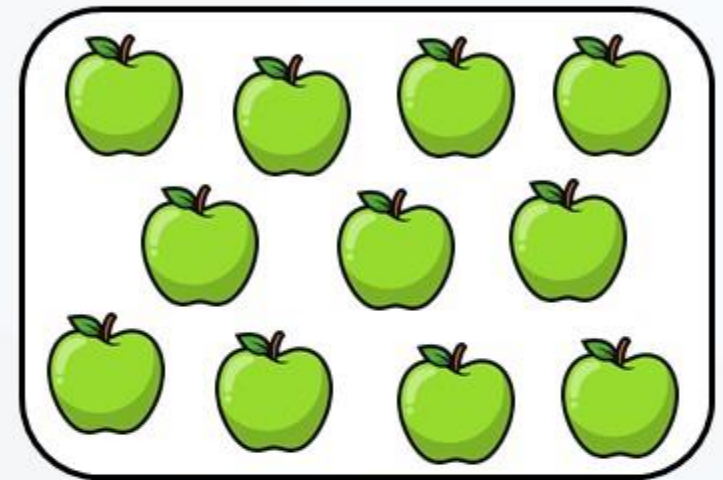
First



Then



Now



What calculation shows this: 8 + 3 = 11

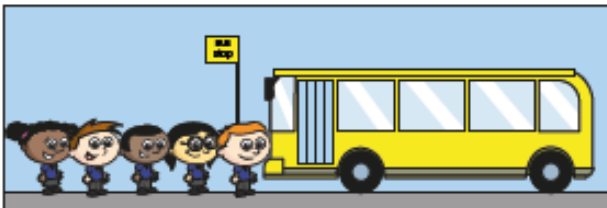


Now try these questions.

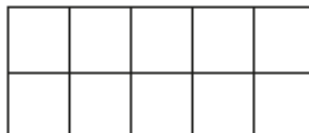
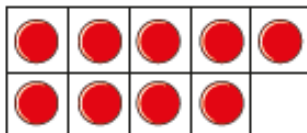
### Add by counting on



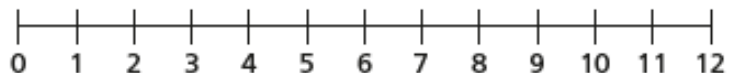
- 1 There are 9 children on the bus.  
5 more children get on the bus.



How many children are on the bus now?

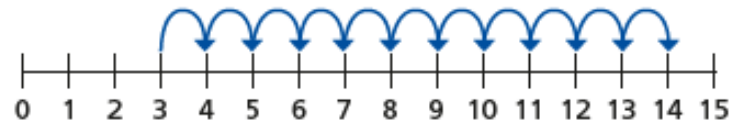


- 2 Eva has 4 coins.  
Jack gives her 7 more coins.  
How many coins does Eva have now?

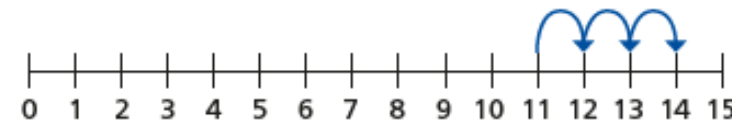


- 3 Ron and Mo are working out  $3 + 11$  on a number line.

Ron's method

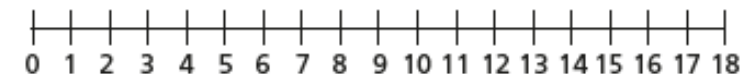


Mo's method



What is the same and what is different?

Use a number line to work out the additions.



a)  $2 + 13$

b)  $4 + 9$

c)  $1 + 17$