



A STORY OF UNITS



## Mathematics Curriculum



### Grade K • MODULE 4

Number Pairs, Addition and Subtraction to 10

# PROBLEM SETS

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Info for parents: <http://bit.ly/pastmath>

Video tutorials: <http://embarc.online>

Version 3



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**GRADE K • MODULE 4**

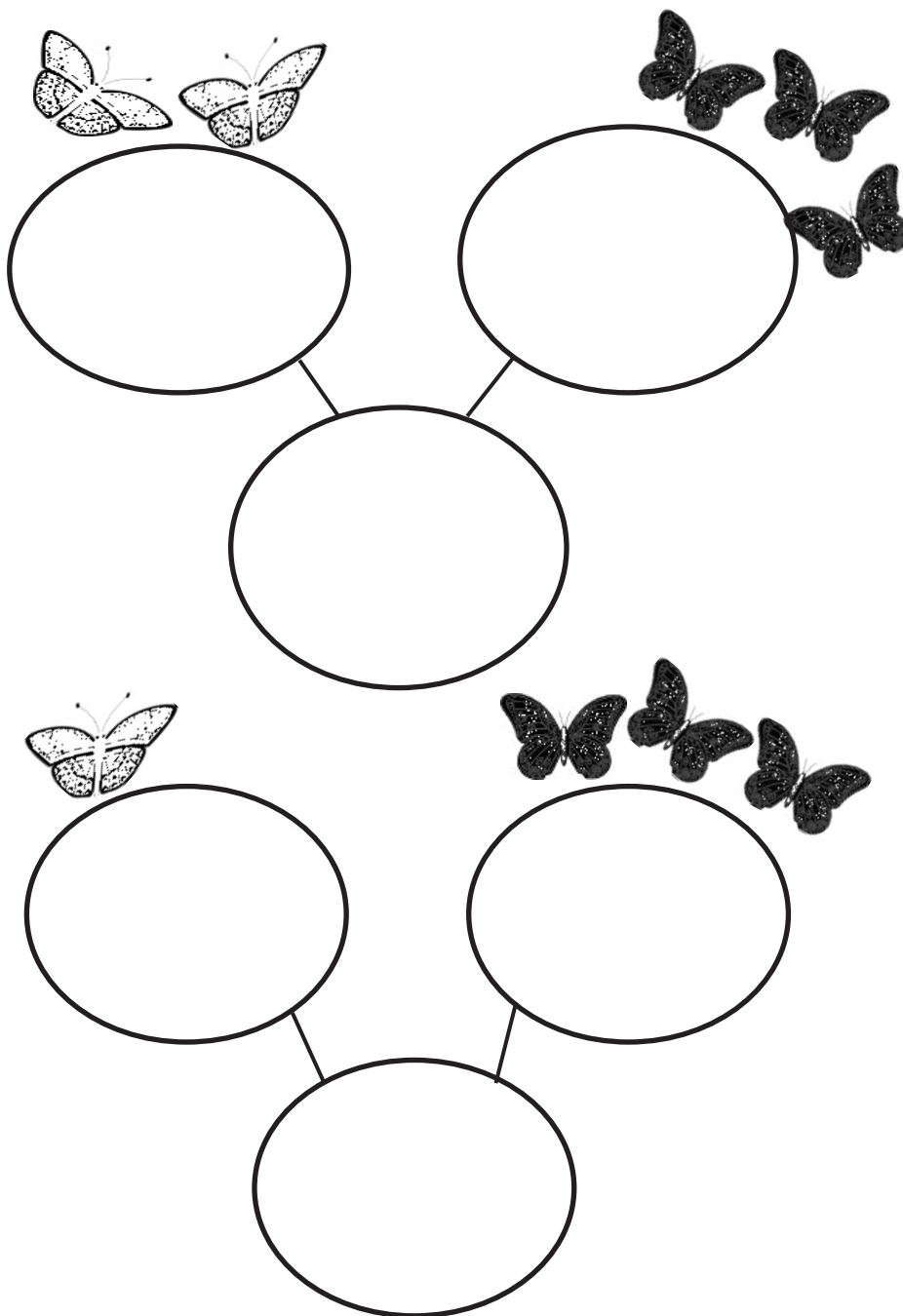
## Number Pairs, Addition and Subtraction to 10

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Draw the light butterflies in the number bond. Then, draw the dark butterflies. Show what happens when you put the butterflies together.



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How many



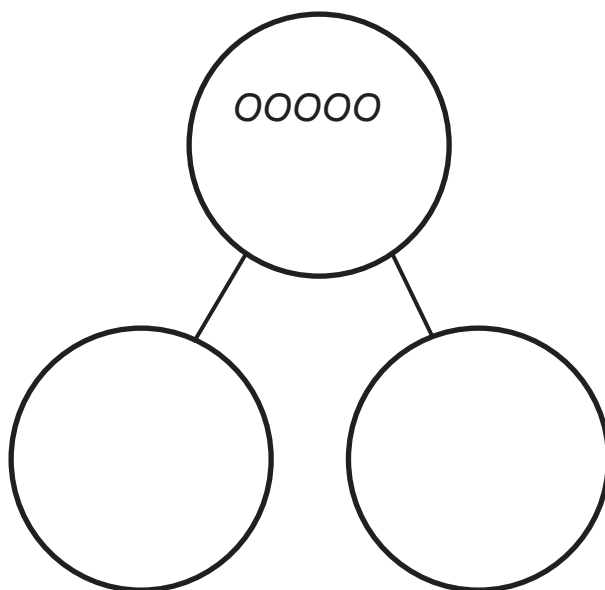
?

How many



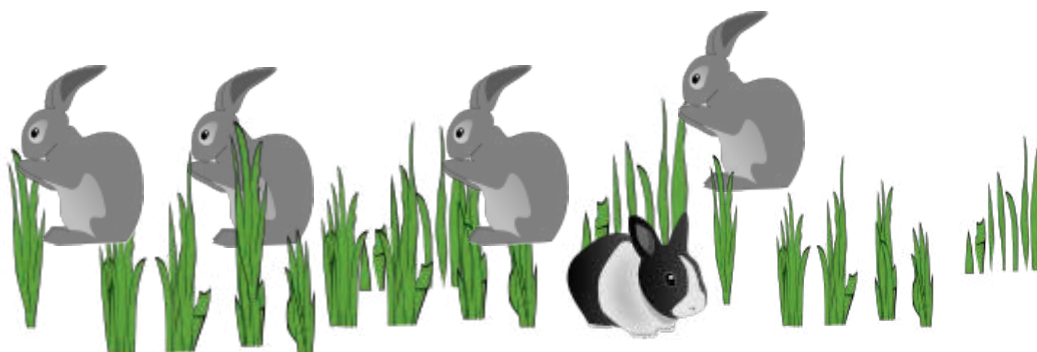
?

Draw to show how to take apart the group of cats to show 2 groups, the ones sleeping and the ones awake.

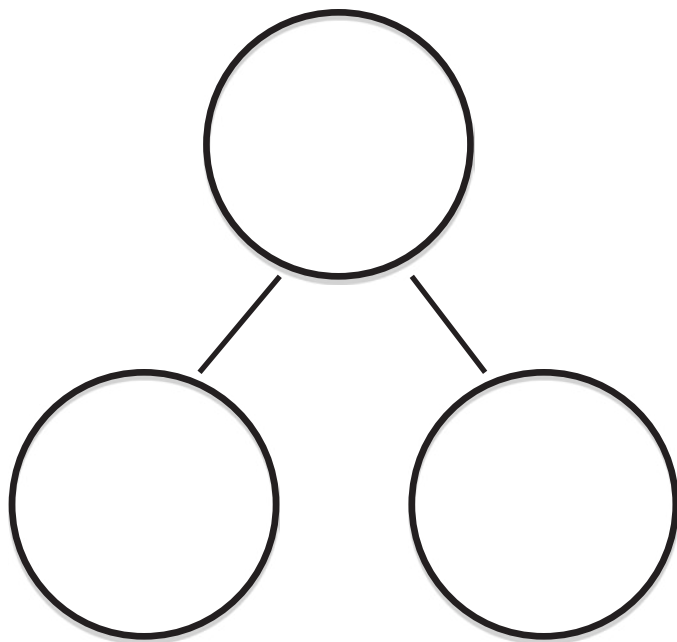


Name \_\_\_\_\_

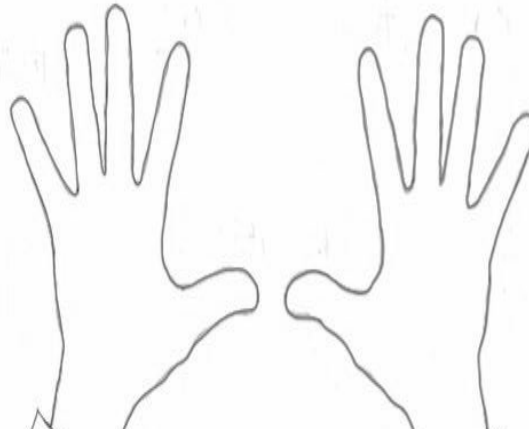
Date \_\_\_\_\_



The squares below represent a cube stick. Color the squares to match the rabbits. 4 squares gray. 1 square black. Draw the squares in the number bond.



Show the parts of the number bond on your fingers. Color the fingers you used.

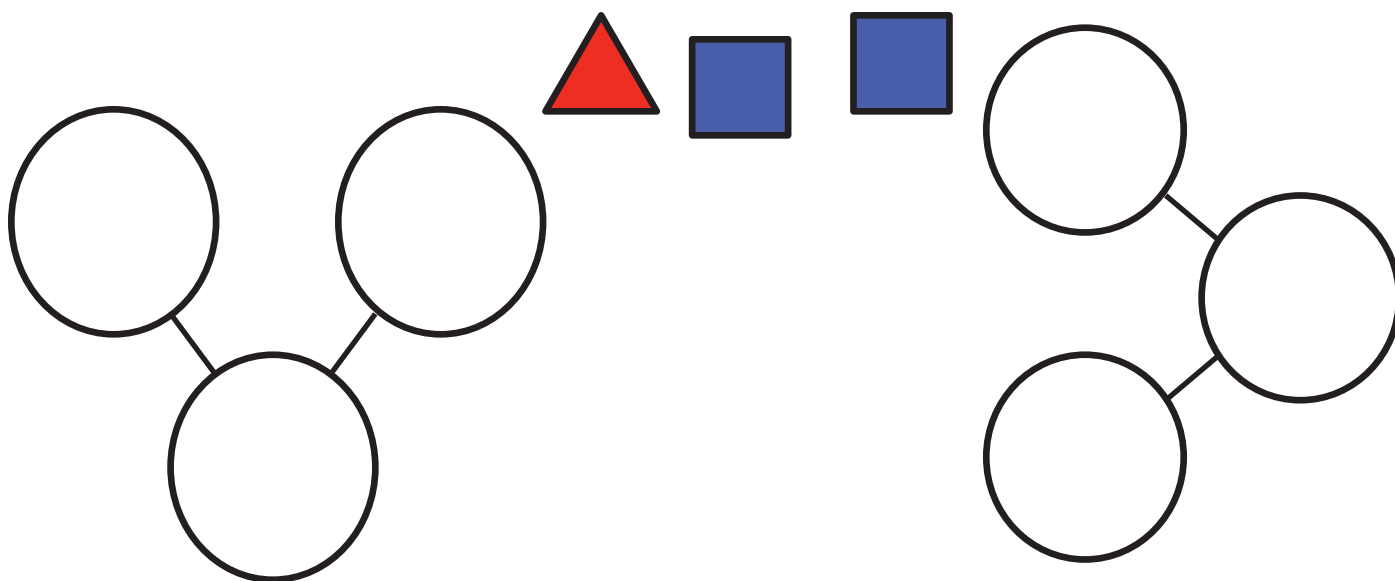
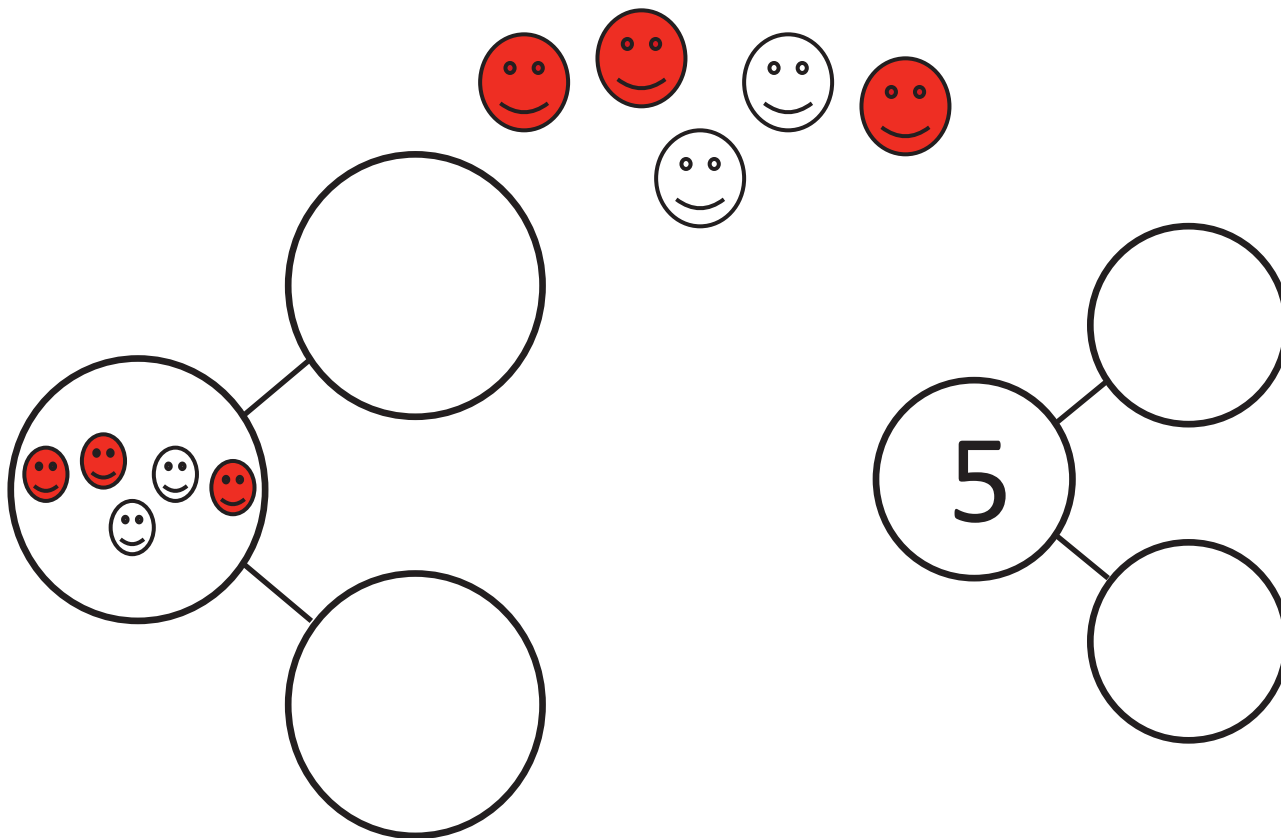


rabbits and  rabbit make  rabbits.

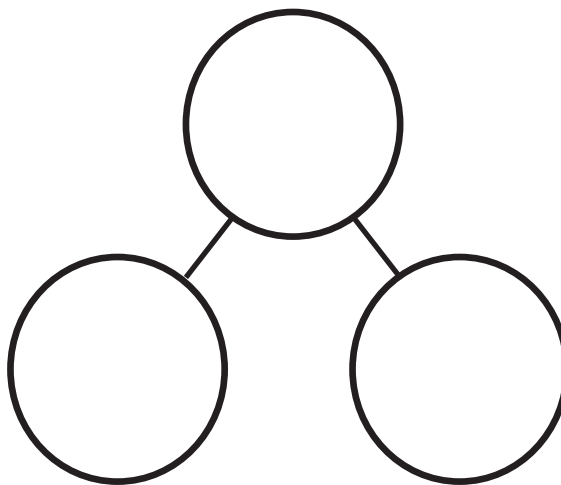
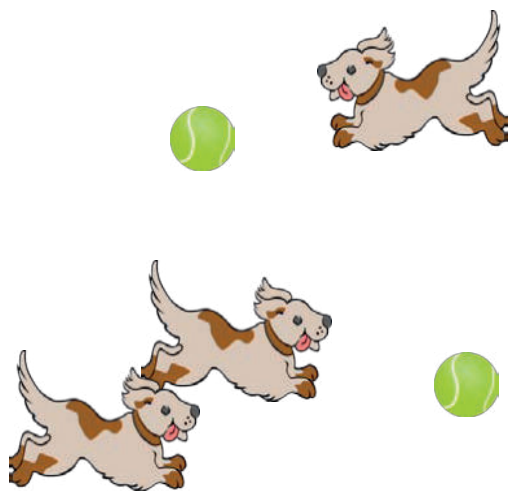
Name \_\_\_\_\_

Date \_\_\_\_\_

Draw and write the numbers to complete the number bonds.



Write numbers to complete the number bond. Put the dogs in one part and the balls in the other part.



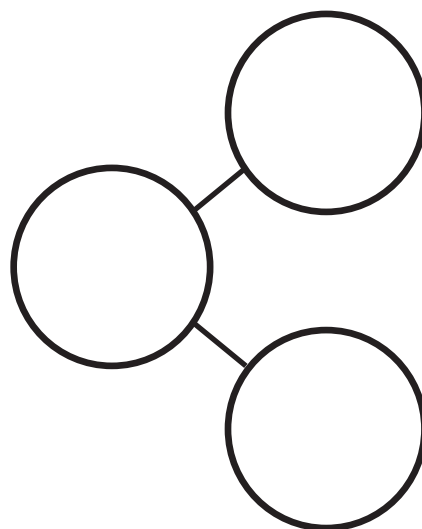
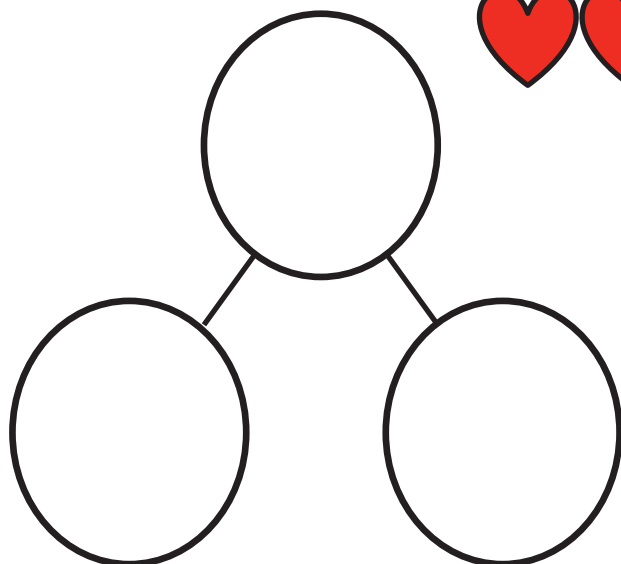
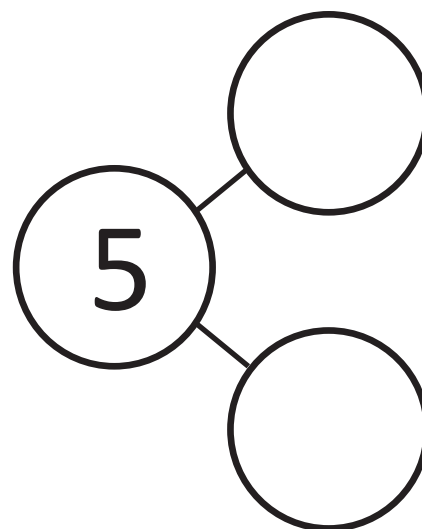
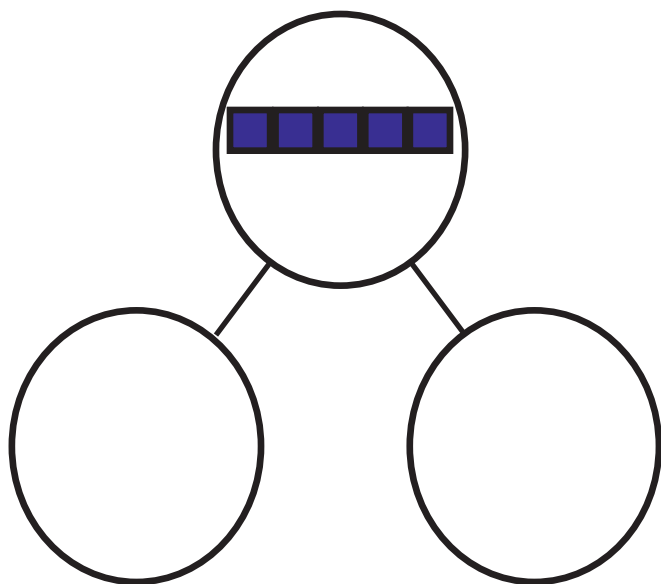
Look at the picture. Tell a story about the birds going home to your neighbor. Draw a number bond and write numbers that match your story.



Name \_\_\_\_\_

Date \_\_\_\_\_

Draw and write the numbers to complete the number bonds.





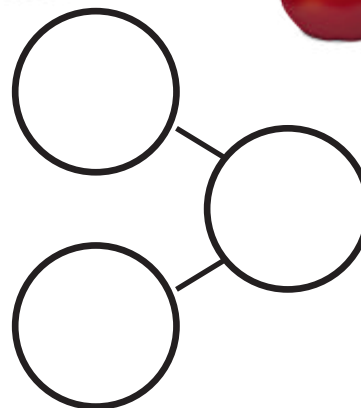
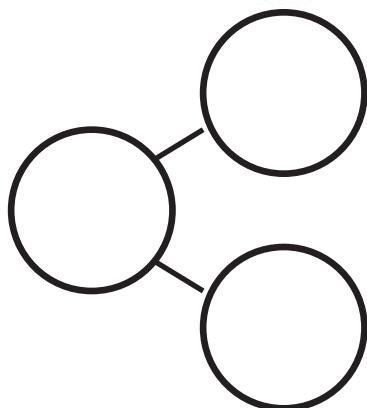
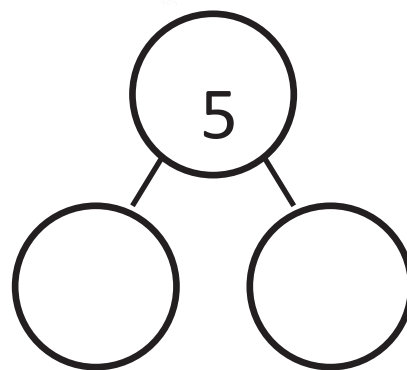
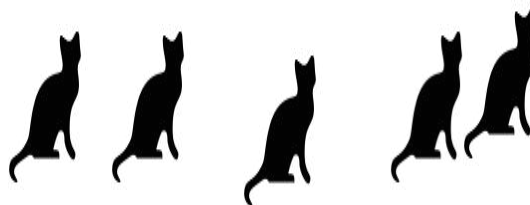
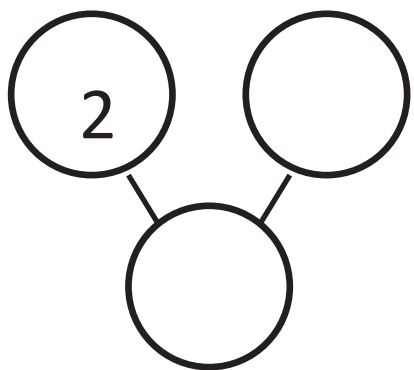
Look at the picture. Tell your neighbor a story about the dogs standing and sitting. Draw a number bond and write numbers that match your story.



Name \_\_\_\_\_

Date \_\_\_\_\_

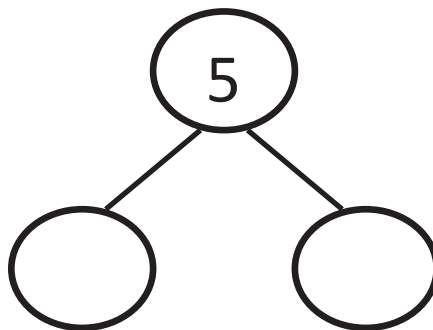
Write numbers to fill in the number bonds.



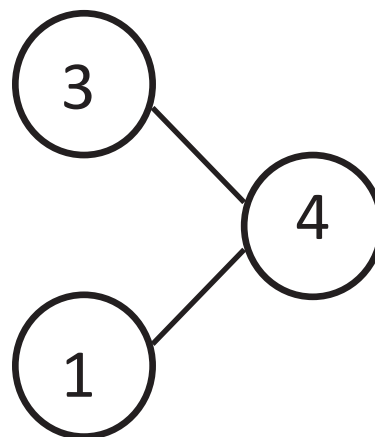
Name \_\_\_\_\_

Date \_\_\_\_\_

Fill in the number bond. Tell a story about the birds to your friend.

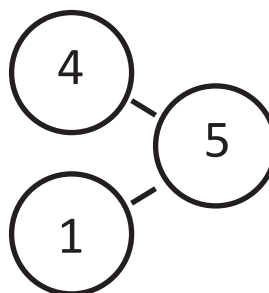
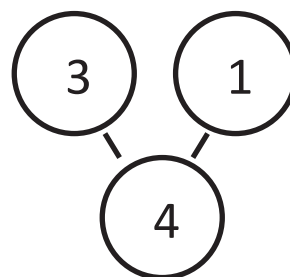
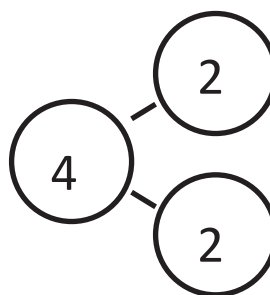
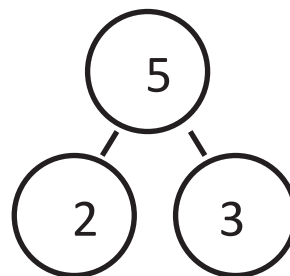


Tell a story that matches the number bond. Draw pictures that match your story.



Tell a story. Draw pictures and a number bond that match your story.

The squares below represent cube sticks. Draw a line to match the number bond to the cube stick.

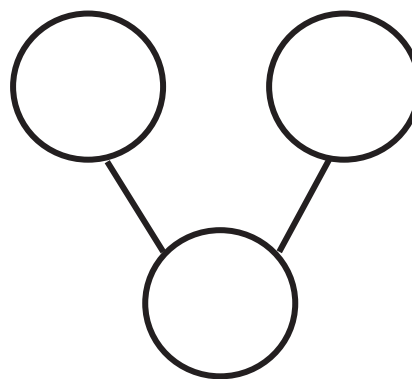
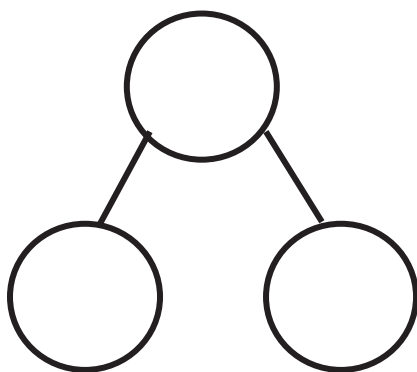


Name \_\_\_\_\_

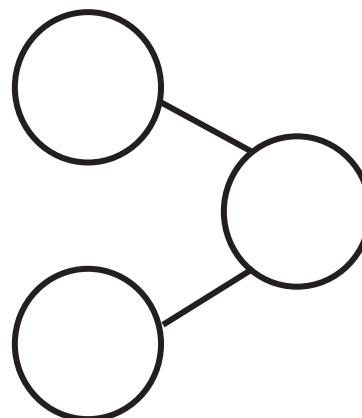
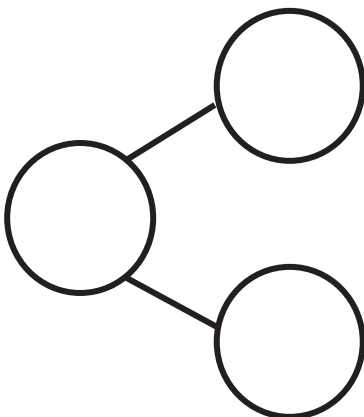
Date \_\_\_\_\_



Look at the birds. Make 2 different number bonds. Tell a friend about the numbers you put in one of the bonds.



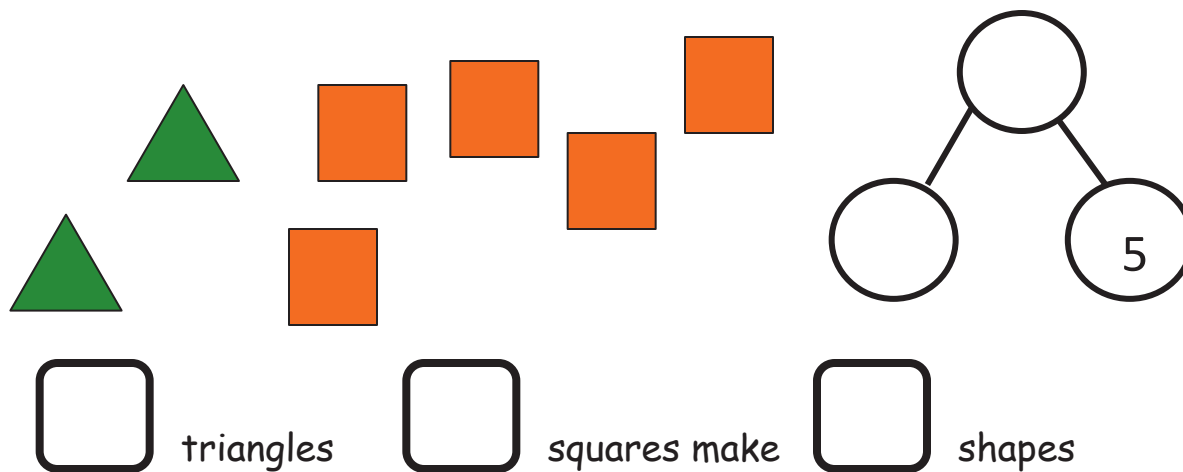
Color some squares green and the rest yellow. Write numbers in the bonds to match the colors of your squares.



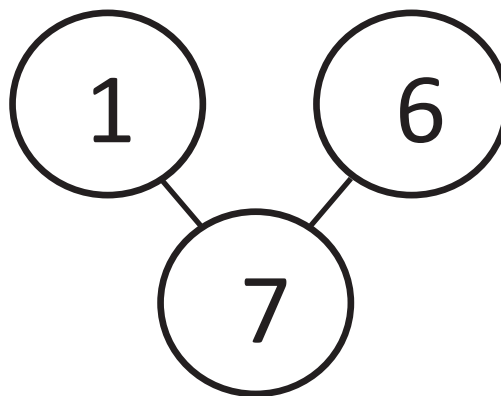
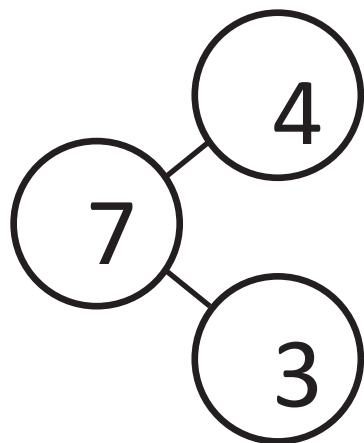
Name \_\_\_\_\_

Date \_\_\_\_\_

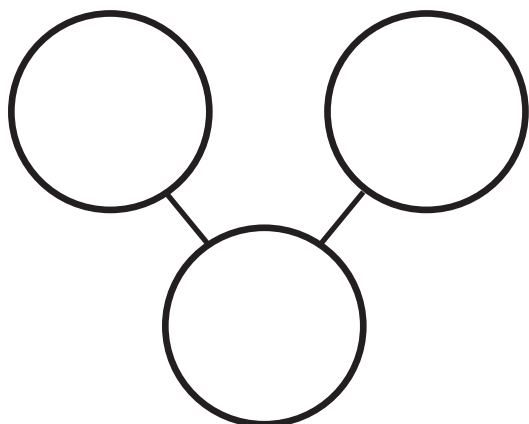
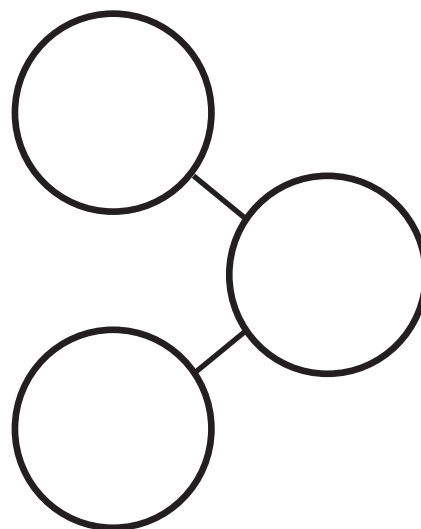
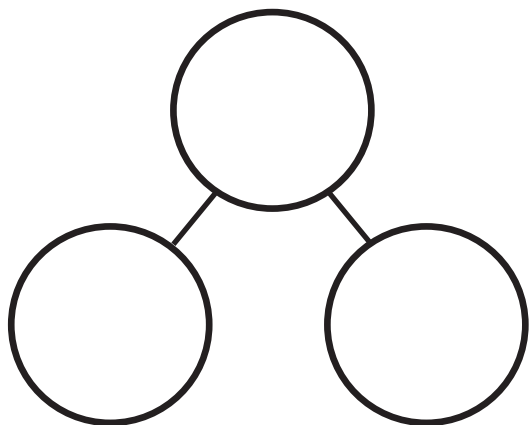
Tell a story about the shapes. Complete the number bond.



The squares below represent cube sticks. Color the cube stick to match the number bond.



In each stick, color some cubes orange and the rest purple. Fill out the number bond to match. Tell a story about one of your number bonds to a friend.

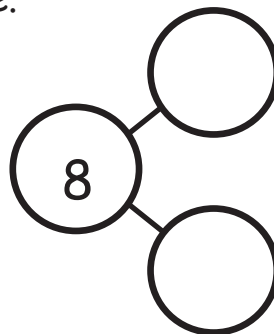
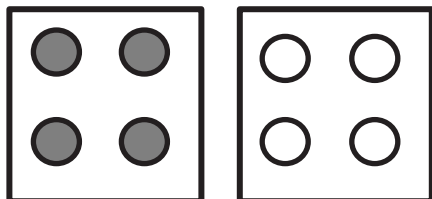


Draw a 7-stick and use 2 colors to make 7. Make a number bond and fill it in.

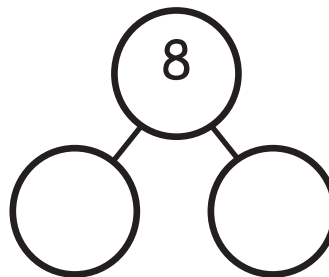
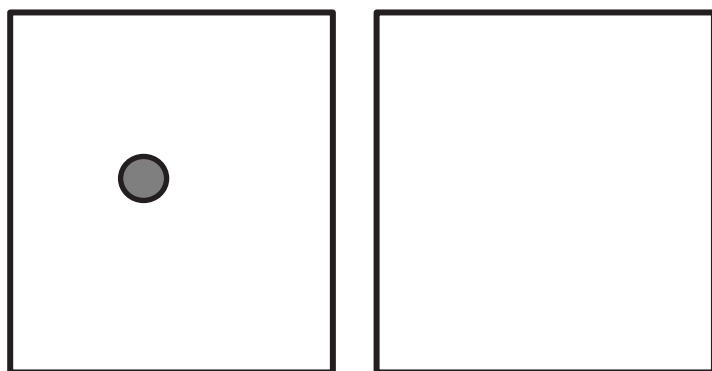
Name \_\_\_\_\_

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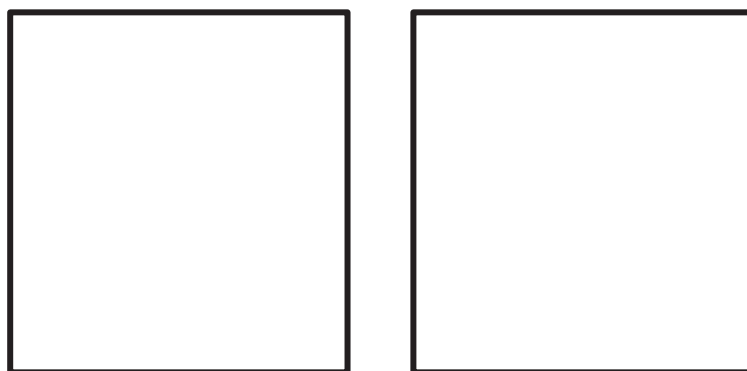
Fill in the number bond to match the picture.



Draw some more dots to make 8 dots in all, and finish the number bond.

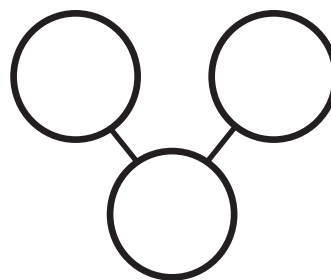


Draw 8 dots, some blue and the rest red. Fill in the number bond.



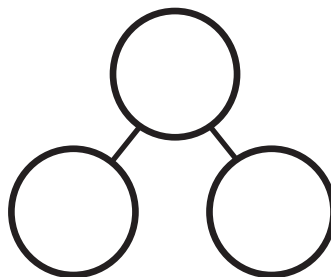
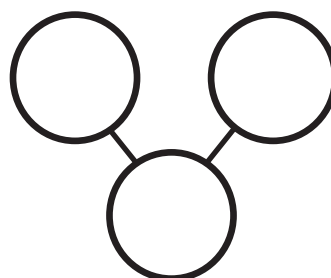
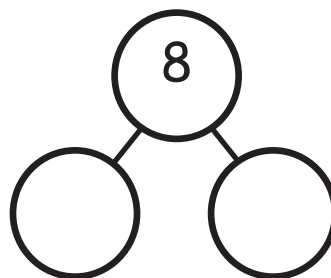
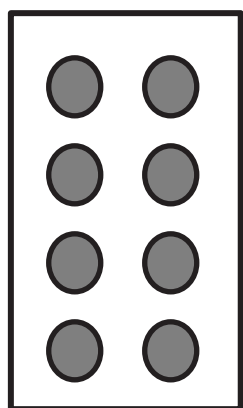
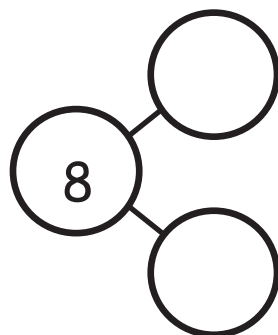
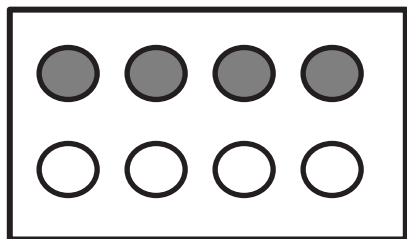
Blue Dots

Red Dots





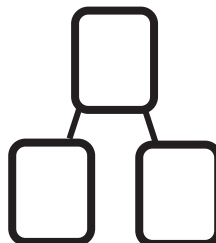
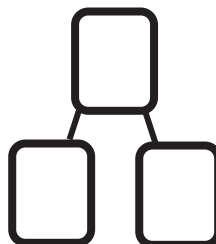
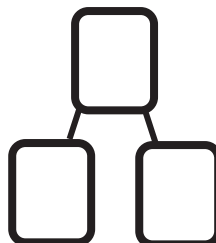
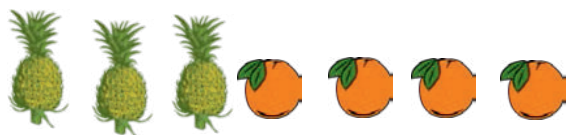
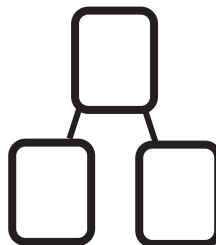
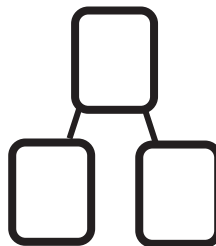
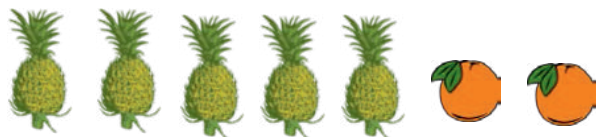
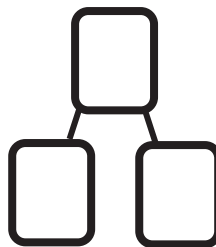
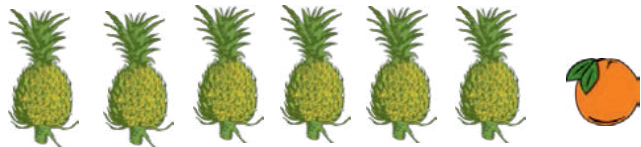
Draw a line to make 2 groups of dots. Fill in the number bond.



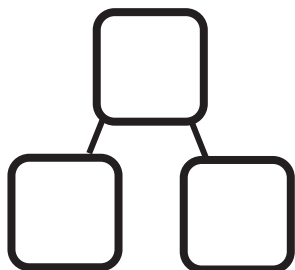
Name \_\_\_\_\_

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Fill in the number bond to match.



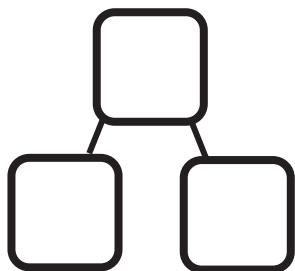
Color some of the faces orange and the rest blue. Fill in the number bond.



6 is



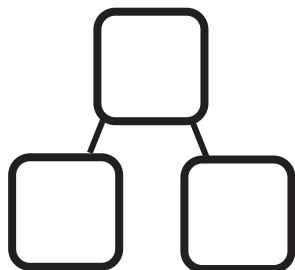
Color some of the faces orange and the rest blue. Fill in the number bond.



is



Color some of the faces orange and the rest blue. Fill in the number bond.



is

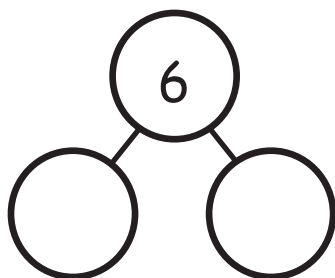




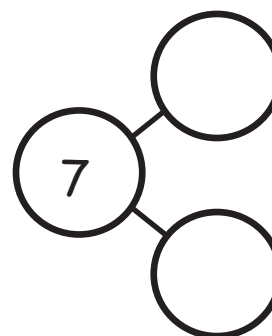
Name \_\_\_\_\_

Date \_\_\_\_\_

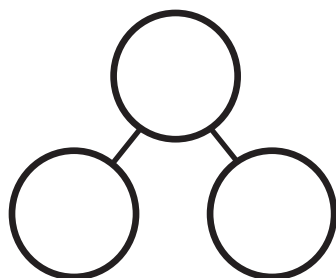
These squares represent cubes. Draw a line to break the stick into 2 parts. Complete the number bond and number sentence.



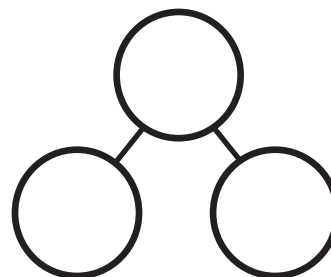
6 is  and



is  and



is  and



is  and

On the back of your paper, draw a cube stick with some red cubes and some blue cubes. Draw a number bond to match.



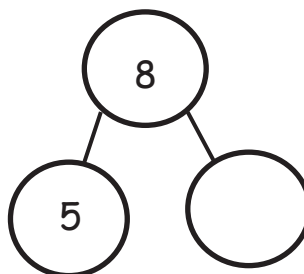
Name \_\_\_\_\_

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5 boxes are colored. Color 3 more boxes to make 8. Complete the number bond.



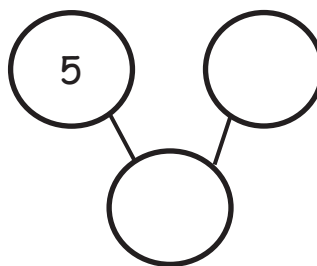
5 and  more is



5 boxes are colored. Color more boxes to make 7. Complete the number bond.



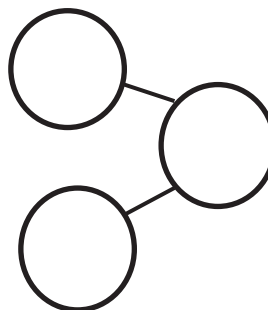
5 and  more is



Color 6 cubes. Complete the number bond.

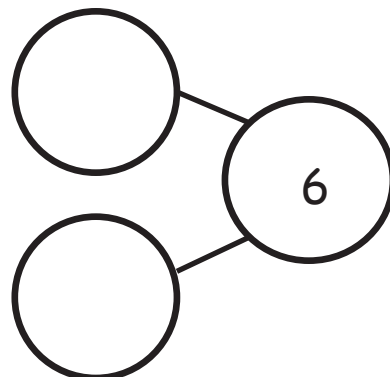


5 and  more is



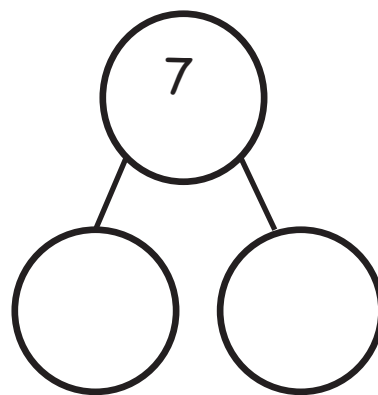
Draw more to make 6. Complete the number bond.

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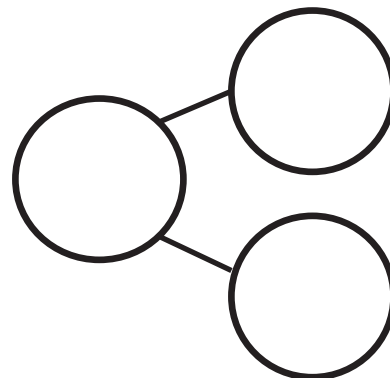
Draw more to make 7. Complete the number bond.

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Draw more to make 8. Complete the number bond.

--	--	--	--	--





Draw more to make 5.

○ ○ ○ ○	○ ○ ○ ○
○ ○ ○	○ ○ ○
○ ○	○ ○
○	○ ○ ○ ○
○ ○ ○ ○ ○	○ ○ ○ ○
○ ○ ○ ○	○ ○ ○ ○
○ ○	○ ○ ○ ○

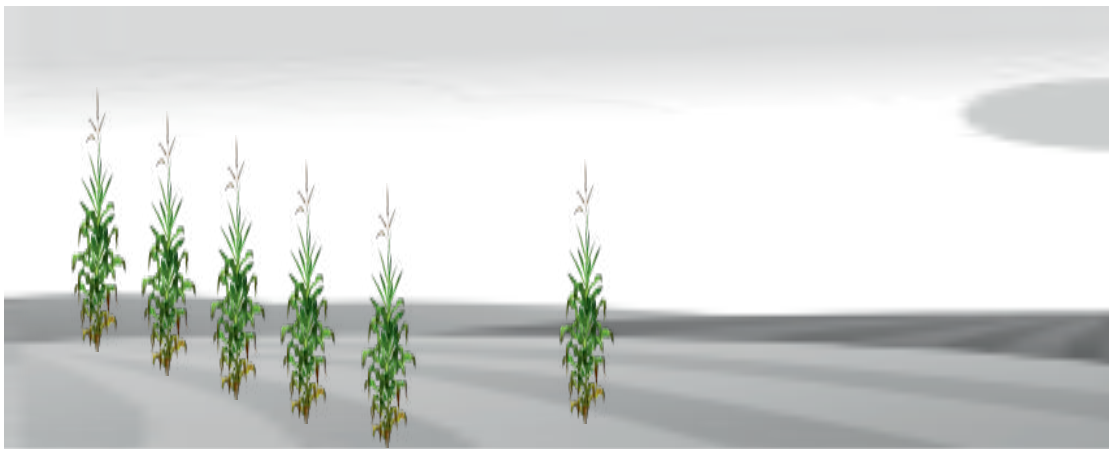
\_\_\_\_\_

make 5

Name \_\_\_\_\_

Date \_\_\_\_\_

Fill in the number bond and number sentences.



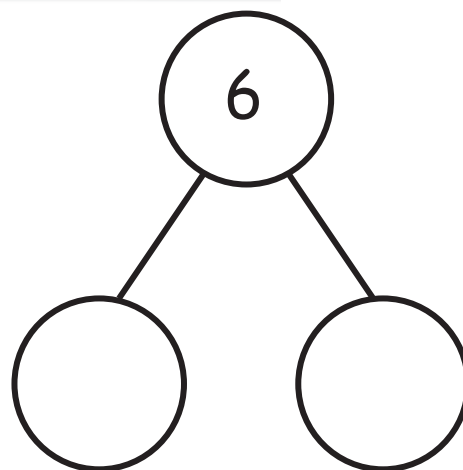
How many?

There are 6 corn stalks. 5 corn stalks are in the first row. 1 corn stalk is in the second.

6

=

+



There are 6 cars on the road. 2 cars are big, and 4 are small.



is

and

=

+

3 geckos have black spots, and 3 geckos have no spots. There are 6 geckos.



$$3 + 3 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} = 3 +$$























There are 6 monkeys. 4 monkeys are swinging on the tree, and 2 monkeys are taking a nap. Draw a picture to go with the story.

$$\boxed{\phantom{00}} = \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Create your own story and tell your partner. Have your partner draw a picture of your story and create a number sentence to go with the picture.

Draw more to make 6.

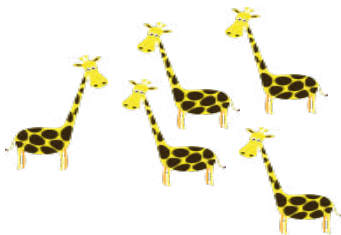
\_\_\_\_\_

make 6

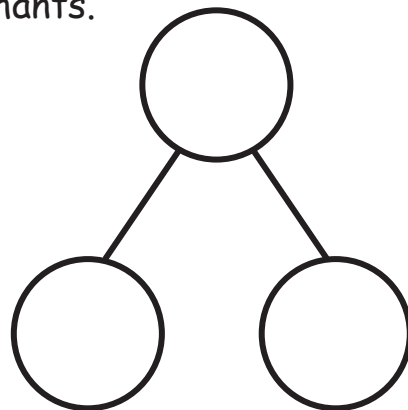
Name \_\_\_\_\_

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There are 7 animals. There are 5 giraffes and 2 elephants.



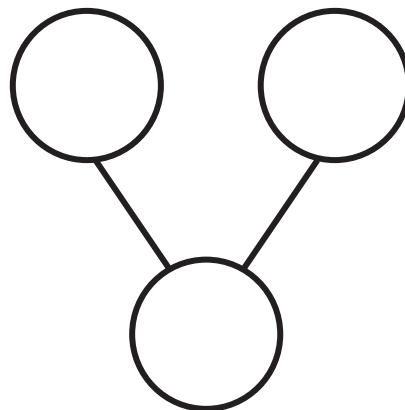
$$\square = 5 + 2$$



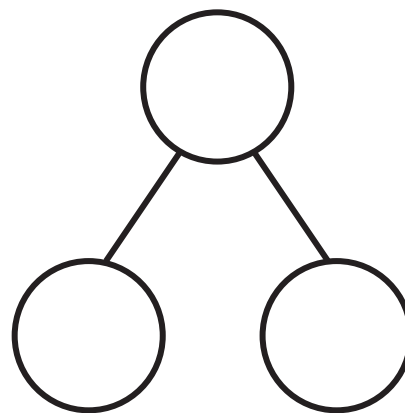
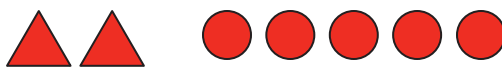
At the store, there was 1 big bear and 6 small bears. There were 7 bears.



$$1 + 6 = \square$$



$$\square = 2 + 5$$



The squares below represent cubes.

4 gray cubes and 3 white cubes are 7 cubes.

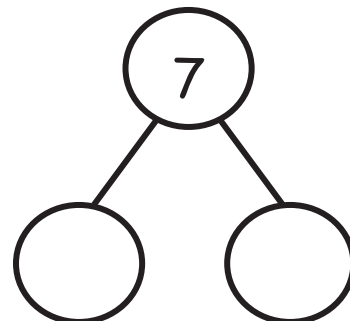


4

+

3

=



Color the cubes to match the cubes above. Fill in the number sentence.



=



+



Create your own story, and tell your partner. Have your partner draw a picture of your story and create a number sentence to go with the picture.

Name \_\_\_\_\_

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Fill in the number sentences.

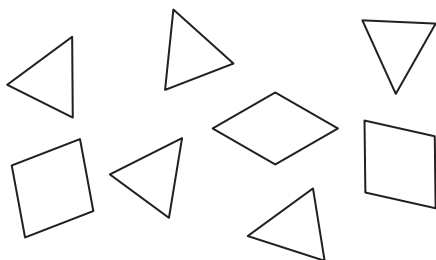
There are 8 fish. There are 4 striped fish and 4 goldfish.



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

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

There are 8 shapes. There are 5 triangles and 3 diamonds.



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

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

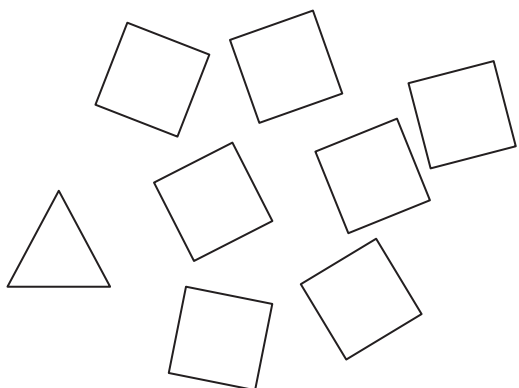


There are 6 stars and 2 moons. There are 8 shapes.

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

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

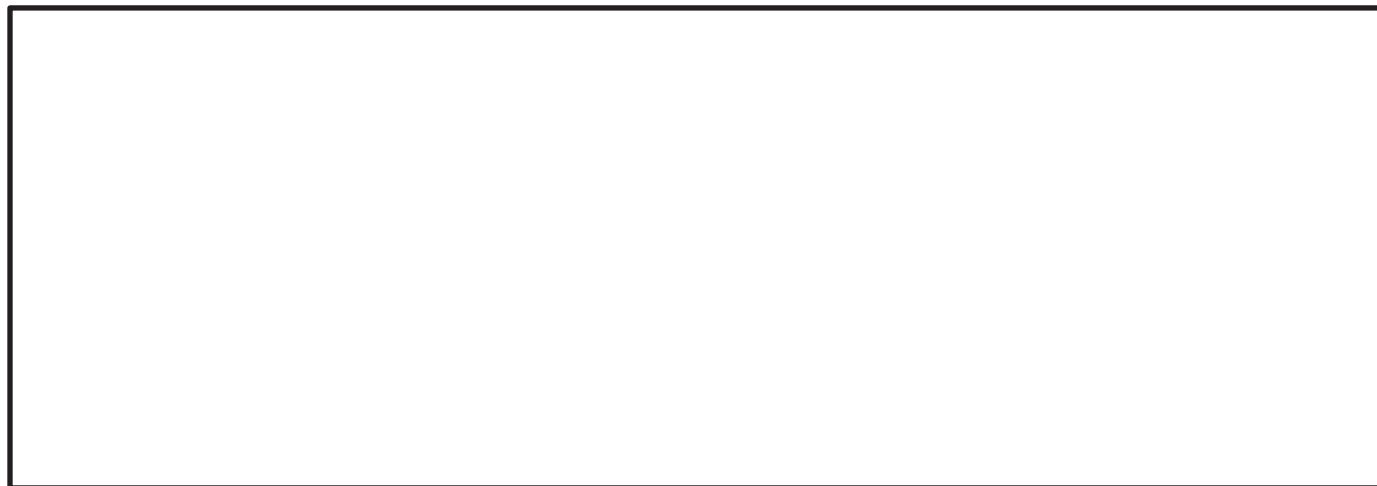
There are 8 shapes. Count and circle the squares. Count and circle the triangle.



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

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

There are 8 flowers. Some flowers are yellow, and some flowers are red. Draw a picture to go with the story.



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

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

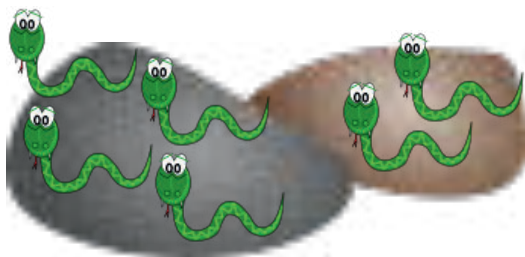
Create your own story, and tell your partner. Have your partner draw a picture of your story and create a number sentence to go with the picture.



Name \_\_\_\_\_

Date \_\_\_\_\_

There are 4 snakes sitting on the rocks. 2 more snakes slither over. How many snakes are on the rocks now? Put a box around all the snakes, trace the mystery box, and write the answer inside it.



$$4 + 2 = \boxed{\phantom{00}}$$

There are 5 turtles swimming. Draw 2 more turtles that come to swim. How many turtles are swimming now? Draw a box around all the turtles, draw a mystery box, and write the answer.



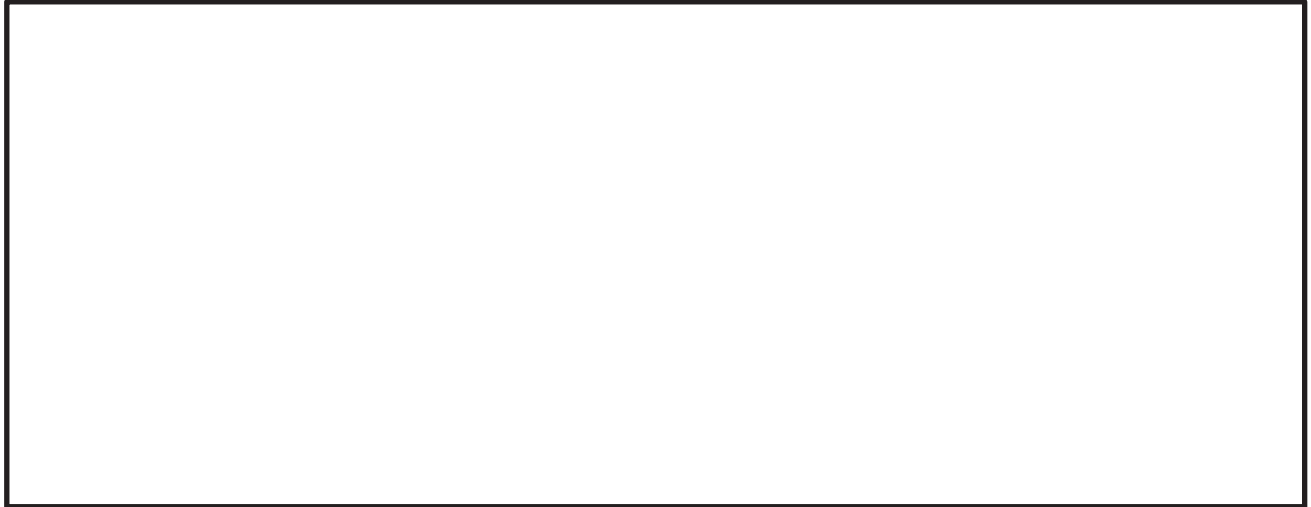
$$5 + 2 =$$

Today is your birthday! You have 7 presents. A friend brings another present. Draw the present. How many presents are there now? Draw a mystery box, and write the answer inside it.



$$7 + 1 =$$


Listen and draw. There were 6 girls playing soccer. A boy came to play. How many children were playing soccer then? Draw a box around all the children.



$$6 + 1 = \boxed{\phantom{00}}$$

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Listen and draw. There were 3 frogs on a log. 5 more frogs hopped onto the log. How many frogs were on the log then? Draw a box around the frogs, and box the answer.

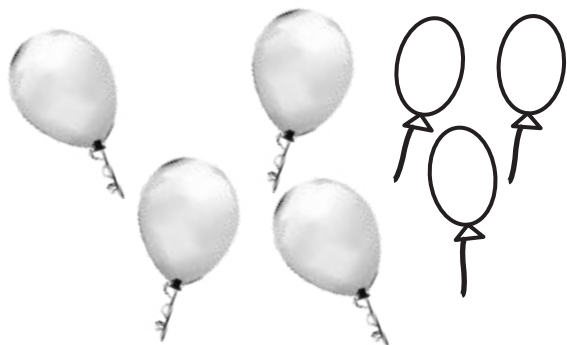


$$3 + 5 = \phantom{00}$$

Name \_\_\_\_\_

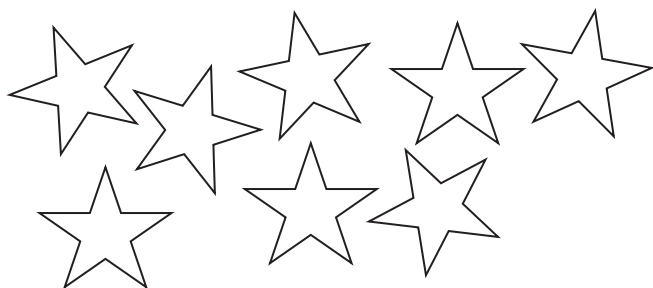
Date \_\_\_\_\_

There are 4 green balloons and 3 orange balloons in the air. How many balloons are in the air? Color the balloons to match the story, and fill in the number sentences.



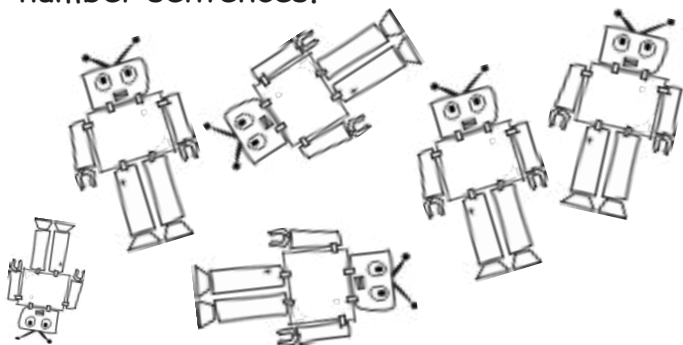
$$\square + \square = \square$$
$$\square = \square + \square$$

Dominic has 6 yellow star stickers and 2 blue star stickers. How many stickers does Dominic have? Color the stars to match the story, and fill in the number sentences.



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

There are 5 big robots and 1 little robot. How many robots are there? Fill in the number sentences.



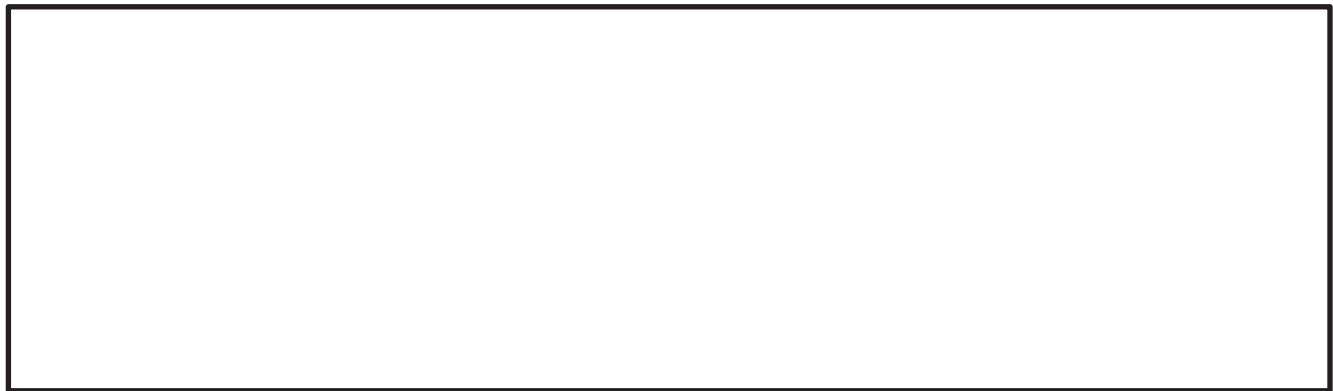
$$\square + \square = \square$$
$$\square = \square + \square$$

Listen and draw. Charlotte is playing with pattern blocks. She has 3 squares and 3 triangles. How many shapes does Charlotte have?



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

Listen and draw. Gavin is making a tower with linking cubes. He has 5 purple and 3 orange cubes. How many linking cubes does Gavin have?



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

Name \_\_\_\_\_

Date \_\_\_\_\_

Devin has 6 Spiderman pencils. He put some in his desk and the rest in his pencil box. Write a number sentence to show how many pencils Devin might have in his desk and pencil box.



$$6 = \square + \square$$

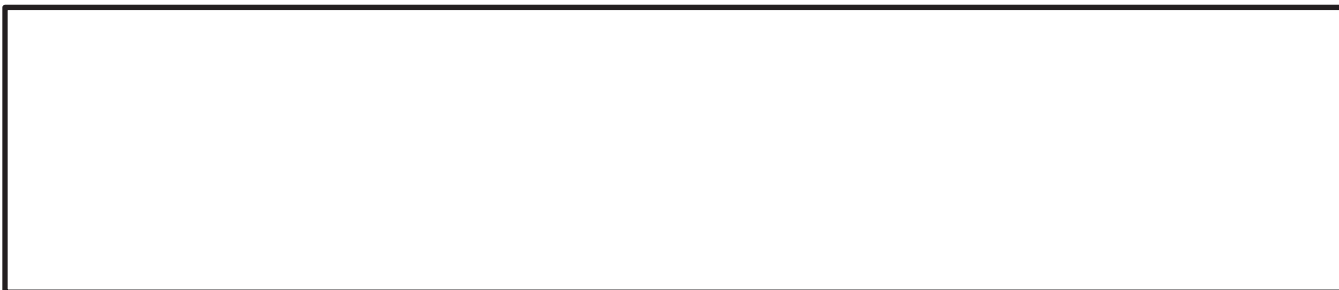
Shania made 7 necklaces. She wore some of the necklaces and put the rest in her jewelry box. Use the linking cubes to help you think about how many necklaces Shania might have on and how many are in her jewelry box. Then, complete the number sentences.



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

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

Tommy planted 8 flowers. He planted some in his garden and some in flowerpots. Draw how Tommy may have planted the flowers. Fill in the number sentences to match your picture.



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

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

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Create your own story and draw a picture. Fill in the number sentences. Tell your story to a friend.



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

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

Name \_\_\_\_\_

Date \_\_\_\_\_

The cat ate 3 mice. Cross out 3 mice. Write how many mice are left.



The fish ate 2 worms. Cross out 2 worms. Write how many worms are left.



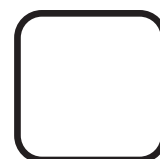
The frog ate 5 flies. Cross out 5 flies. Write how many flies are left.



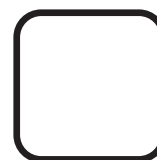
The monkey ate 4 bananas. Cross out 4 bananas. Write how many bananas are left.



Draw 6 balls. The boy kicked 3 balls down the hill. How many balls does he have left?



There are 5 butterflies flying around the flower. Draw them. 1 of the butterflies flew away, so cross it out. How many butterflies are left?





Name \_\_\_\_\_

Date \_\_\_\_\_

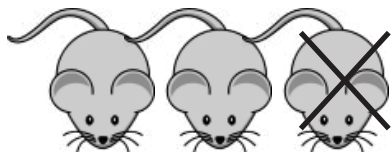
Draw a line from the picture to the number sentence it matches.



$$3 - 1 = 2$$



$$5 - 4 = 1$$



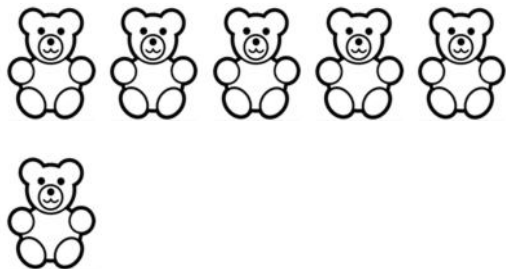
$$4 - 2 = 2$$



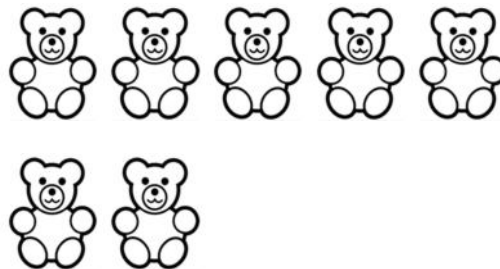
$$5 - 1 = 4$$

Pick 1 mouse picture, and tell a story to your partner. See if your partner can pick the picture you told the story about.

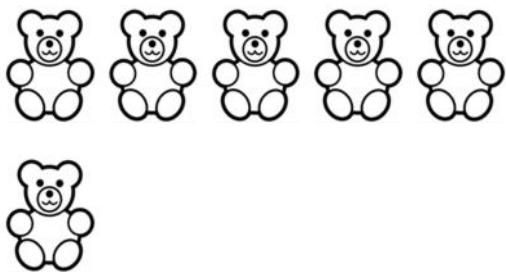
Cross out the bears to match the number sentences.



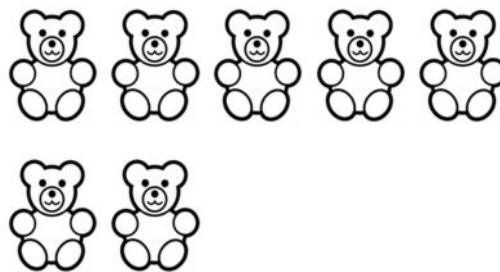
$$6 - 1 = 5$$



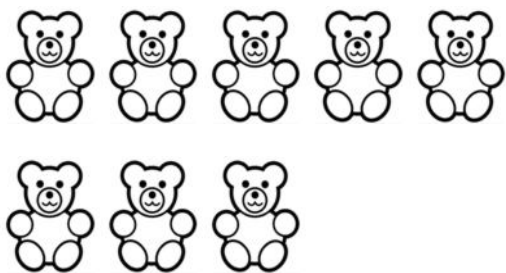
$$7 - 2 = 5$$



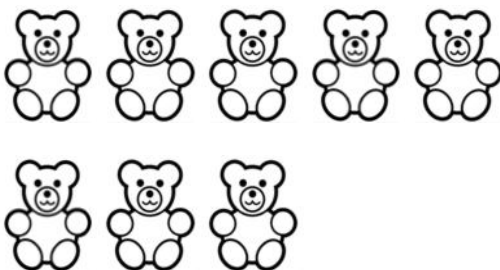
$$6 - 4 = 2$$



$$7 - 3 = 4$$



$$8 - 1 = 7$$



$$8 - 2 = 6$$

Name \_\_\_\_\_

Date \_\_\_\_\_

Tyler bought a cone with 4 scoops. He ate 1 scoop. Cross out 1 scoop.  
How many scoops were left?



$$4 - 1 = \boxed{\phantom{00}}$$

Eva ate ice cream, too. She ate 2 scoops. How many scoops were left?



$$4 - 2 = \boxed{\phantom{00}}$$

There were 4 bottles. 3 of them broke. How many bottles were left?



$$4 - 3 = \boxed{\phantom{00}}$$

Anthony had 5 erasers in his pencil box. He dropped his pencil box, and 4 erasers fell on the floor. How many erasers are in Anthony's pencil box now? Draw the erasers, and fill in the number sentence.

$$5 - 4 = \square$$

Tanisha had 5 grapes. She gave 3 grapes to a friend. How many grapes does Tanisha have now? Draw the grapes, and fill in the number sentence.

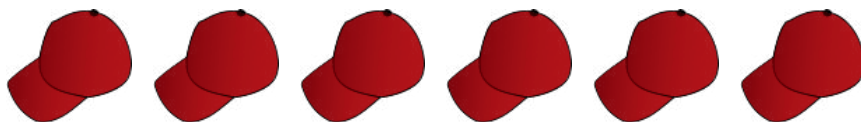
$$\square - \square = \square$$

Name \_\_\_\_\_

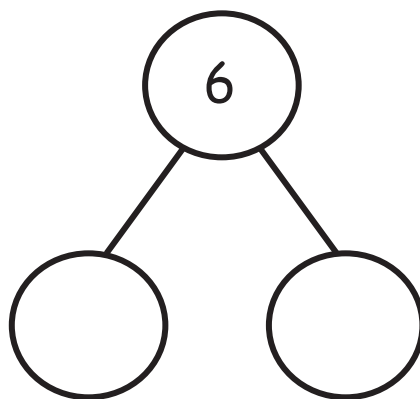
Date \_\_\_\_\_

Fill in the number sentences and number bonds.

Take away 3 hats.



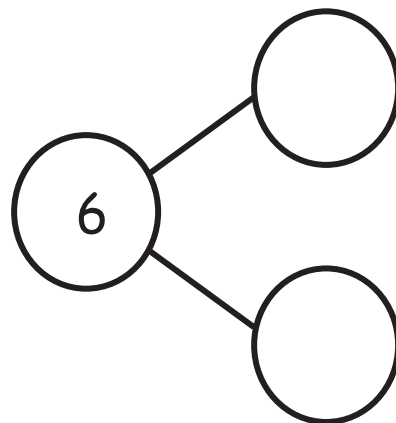
$$\boxed{6} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Take away 4 cubes.

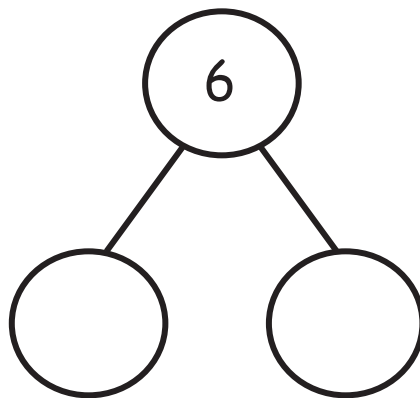


$$\boxed{6} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



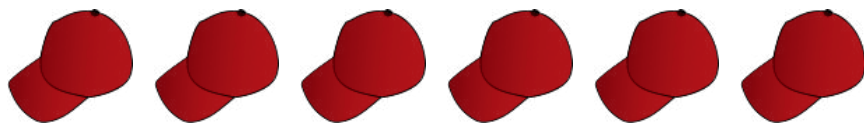
Draw 6 circles in a 5-group. Take away 2 circles.

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

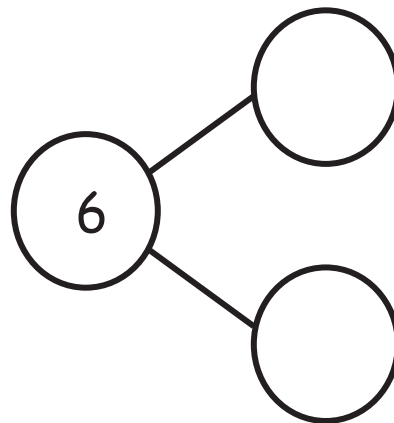


Fill in the number bond.

Cross out 1 hat.



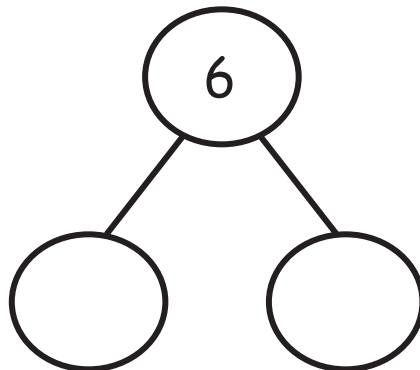
$$6 - \textcircled{1} = 5$$



Cross out 5 snowflakes.



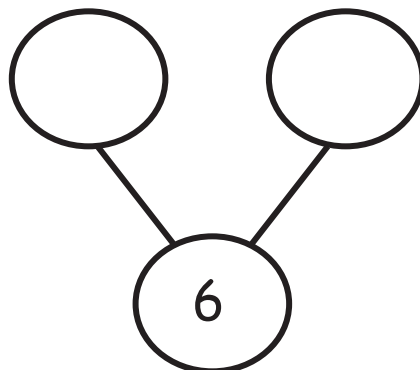
$$\textcircled{6} - 5 = 1$$



Cross out 2 snowflakes.



$$6 - 2 = \textcircled{4}$$

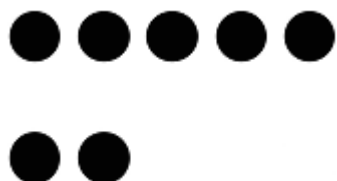


Name \_\_\_\_\_

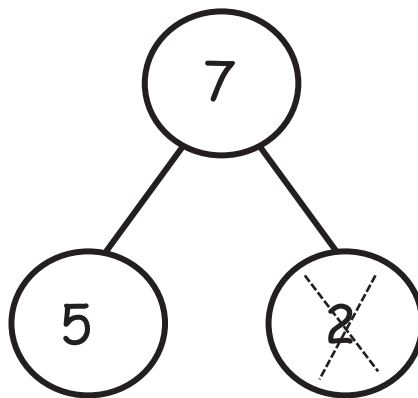
Date \_\_\_\_\_

Say the number sentence. Fill in the blanks. Cross out the number.

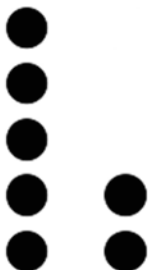
Cross out 2 dots.



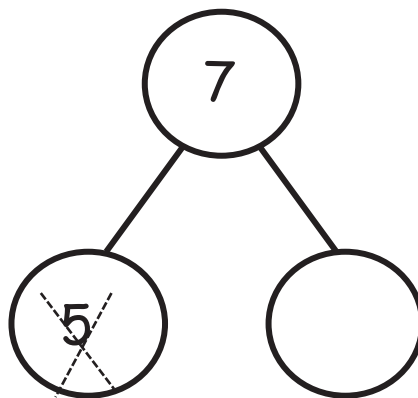
$$7 - 2 =$$



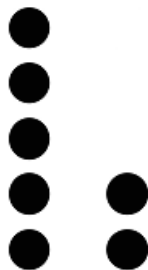
Cross out 5 dots.



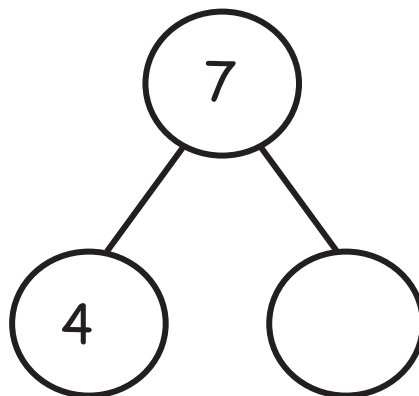
$$7 - 5 =$$



Cross out 4 dots.



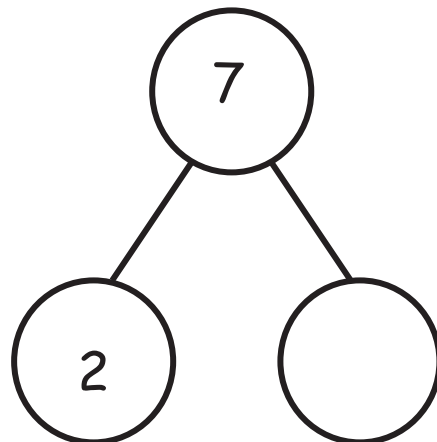
$$7 - 4 =$$



Draw and fill in the number bond and number sentence.

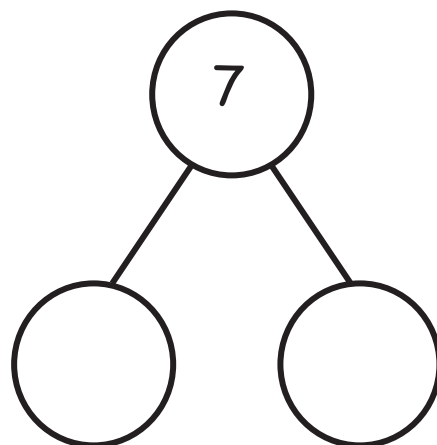
Draw 7 dots. Cross out 2 dots.

$$\boxed{7} - \boxed{2} = \boxed{\phantom{00}}$$



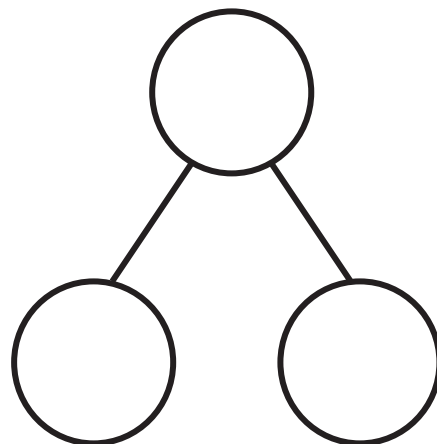
Draw 7 dots in a 5-group. Cross out 3 dots.

$$\boxed{7} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Draw 7 dots in a 5-group. Cross out 4 dots.

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$





Name \_\_\_\_\_

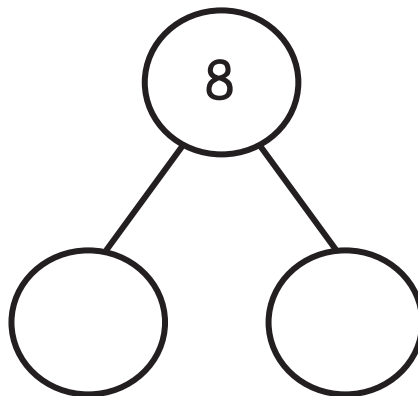
Date \_\_\_\_\_

Fill in the number sentences and number bonds.

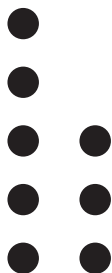
Put an X on 3 dots.



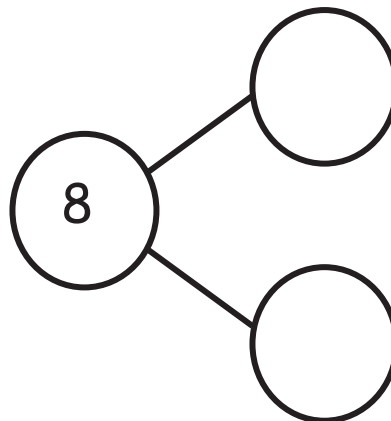
$$\boxed{8} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



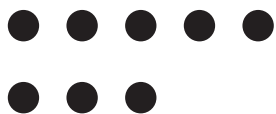
Put an X on 5 dots.



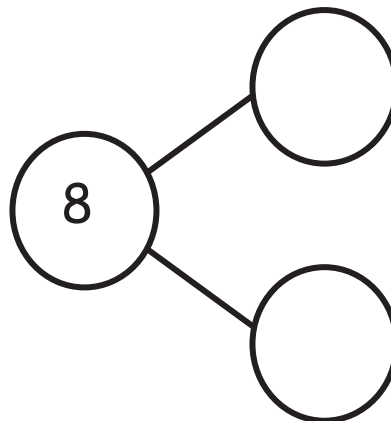
$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Put an X on some dots.

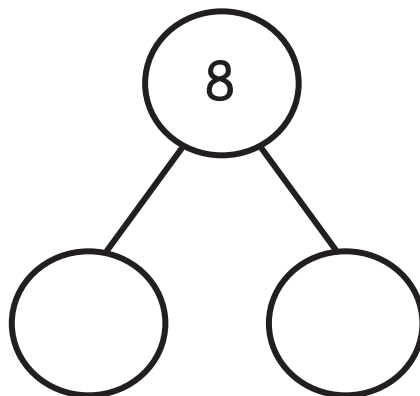


$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



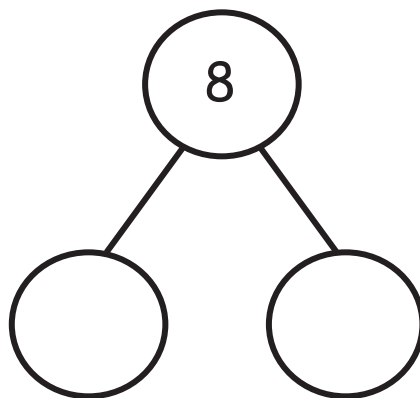
Draw 8 dots. Put an X on 1 dot.

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



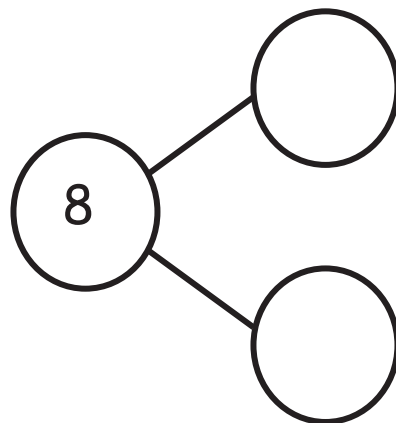
Draw 8 dots in a 5-group. Put an X on 7 dots.

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



Draw 8 dots in a 5-group. Put an X on some dots.

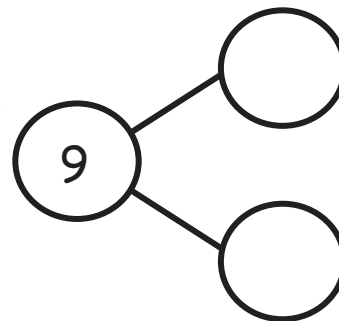
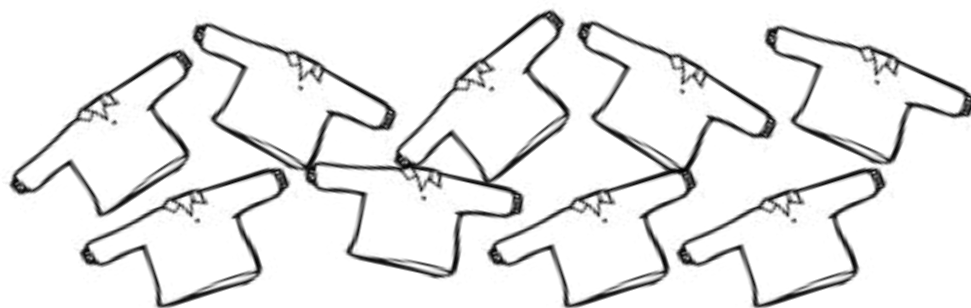
$$\square - \square = \square$$



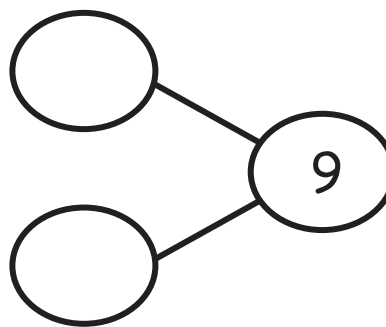
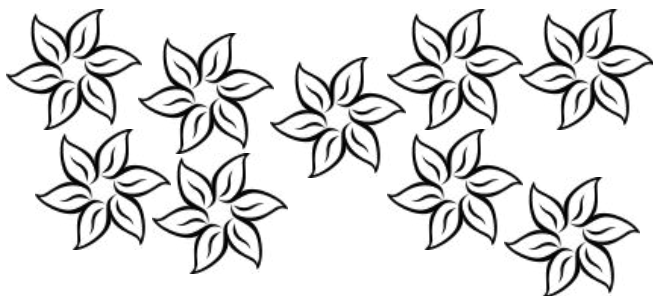
Name \_\_\_\_\_

Date \_\_\_\_\_

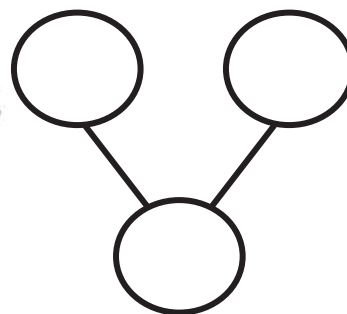
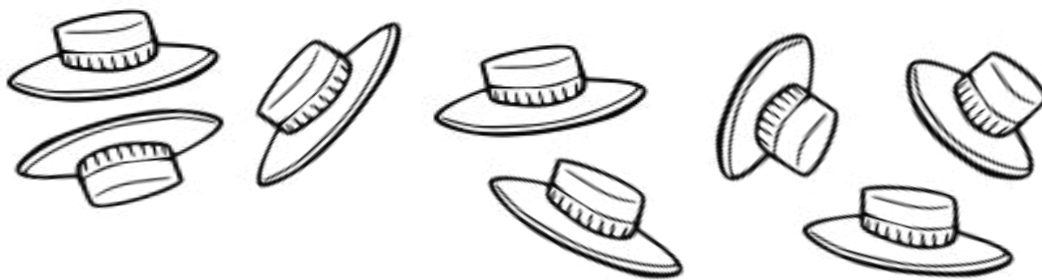
There are 9 shirts. Color some with polka dots and the rest with stripes. Fill in the number bond.



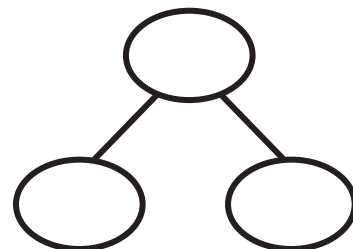
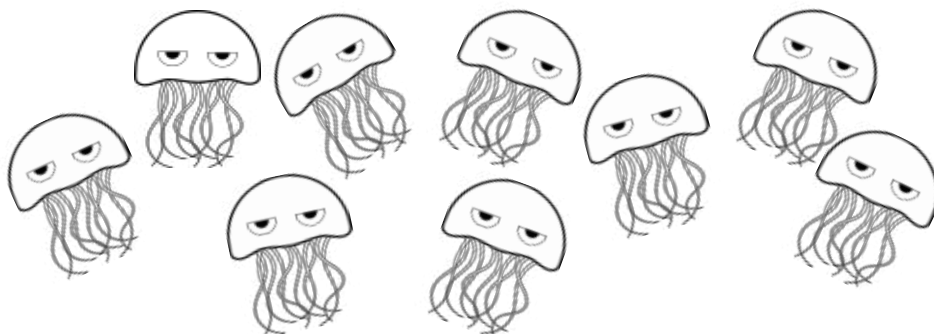
There are 9 flowers. Color some yellow and the rest red. Fill in the number bond.



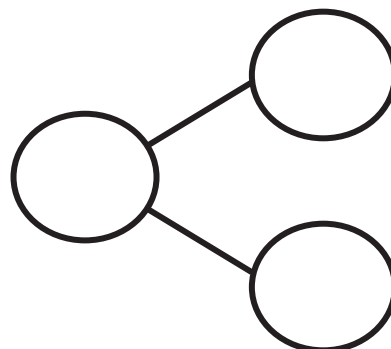
There are 9 hats. Color some brown and the rest green. Fill in the number bond.



There are 9 jellyfish. Color some blue and the rest a different color. Fill in the number bond.



There are 9 butterflies. Color some butterflies orange and the rest a different color. Fill in the number bond.



Draw 9 balloons. Color some red and the rest blue. Make a number bond to match your drawing.

Name \_\_\_\_\_

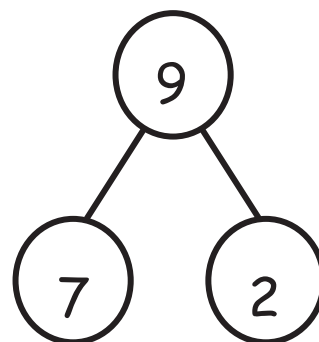
Date \_\_\_\_\_

The squares below represent cube sticks.

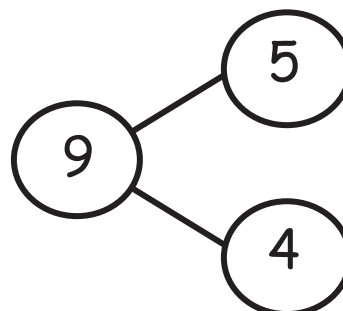
Draw a line from the cube stick to the matching number bond. Fill in the number bond if it isn't complete.



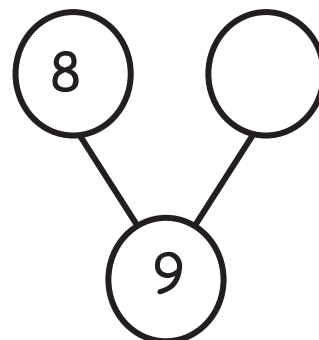
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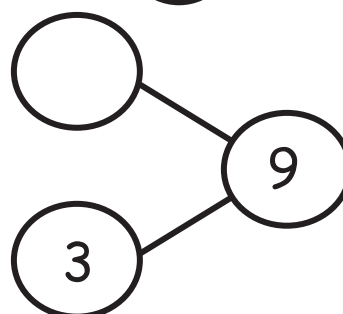
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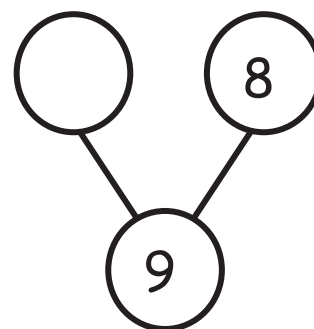
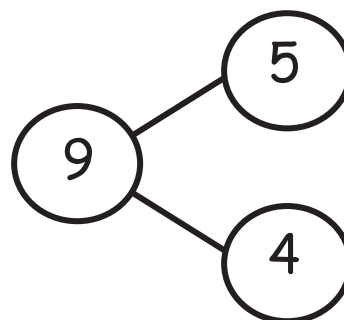
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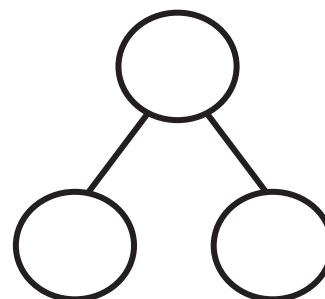
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Draw and color cube sticks to match the number bonds. Fill in the number bond if it isn't complete.



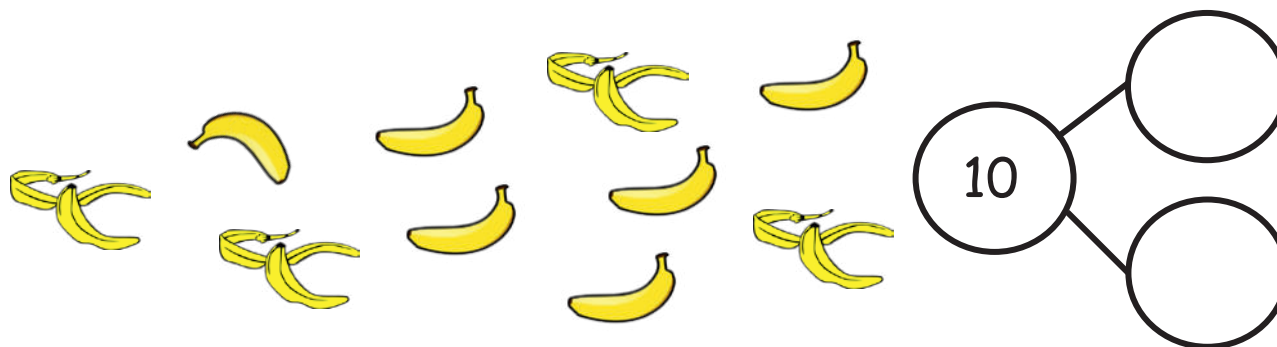
Create your own 9-cube stick, and fill in the number bond to match.



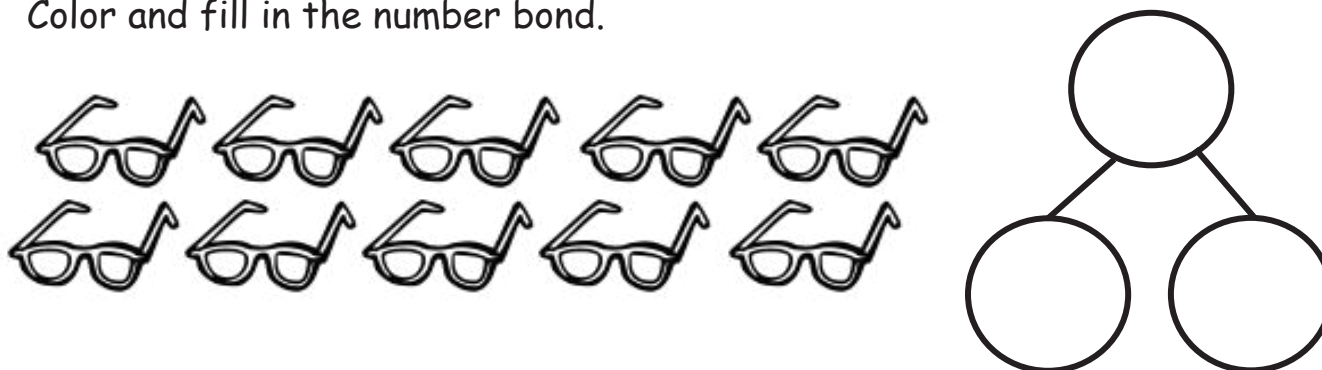
Name \_\_\_\_\_

Date \_\_\_\_\_

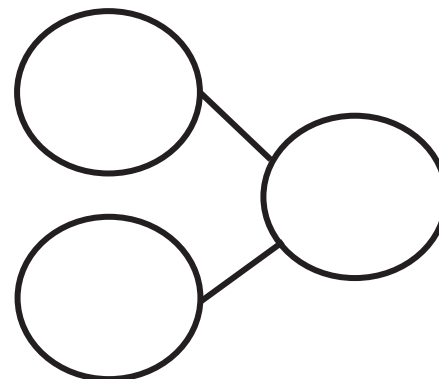
Benjamin had 10 bananas. He dropped some of the bananas. Fill in the number bond to show Benjamin's bananas.



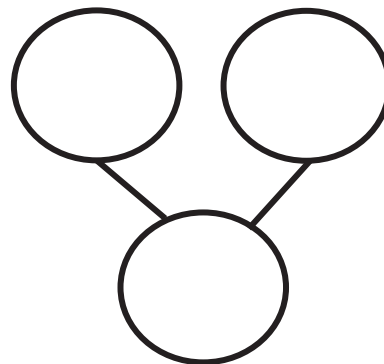
Savannah has 10 pairs of glasses. 5 are green, and the rest are purple. Color and fill in the number bond.



Xavier had 10 baseballs. Some were white, and the rest were gray. Draw the balls, and color to show how many may be white and gray. Fill in the number bond.



There were 10 dragons playing. Some were flying, and some were running.  
Draw the dragons. Fill in the number bond.



Create your own story of 10. Draw your story and a number bond to go with it.



Name \_\_\_\_\_

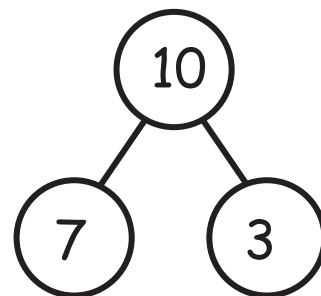
Date \_\_\_\_\_

These squares represent cube sticks. Look at the linking cube sticks. Draw a line from the cube sticks to the number bond that matches. Fill in the number bond if it is not complete.



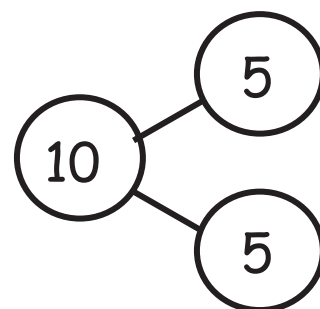
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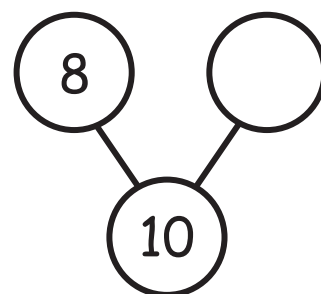
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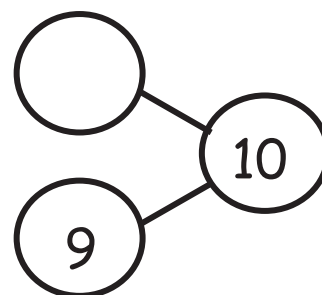
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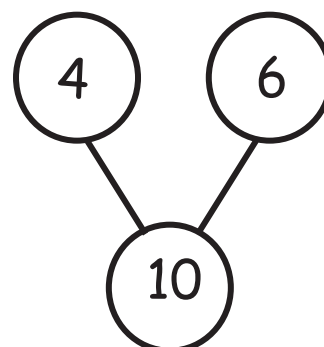
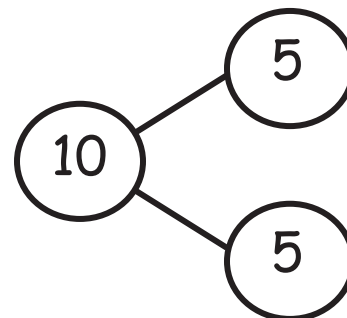


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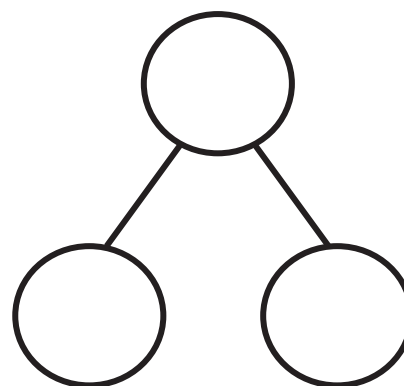
•



Draw and color cube sticks to match the number bonds.



Create your own 10-cube stick, and fill in the number bond.



Name \_\_\_\_\_

Date \_\_\_\_\_

# My Addition Practice



$1 + 1 =$ <input type="text"/>	$2 + 3 =$ <input type="text"/>
$4 + 1 =$ <input type="text"/>	$1 + 3 =$ <input type="text"/>
$1 + 2 =$ <input type="text"/>	$2 + 2 =$ <input type="text"/>
$3 + 1 =$ <input type="text"/>	$3 + 1 =$ <input type="text"/>
$1 + 4 =$ <input type="text"/>	$2 + 3 =$ <input type="text"/>
$2 + 1 =$ <input type="text"/>	$4 + 1 =$ <input type="text"/>
$2 + 2 =$ <input type="text"/>	$3 + 2 =$ <input type="text"/>
$3 + 2 =$ <input type="text"/>	$1 + 3 =$ <input type="text"/>

Name \_\_\_\_\_

Date \_\_\_\_\_

## My Decomposition Practice



$1 + 1 = \square$	$2 = \square + \square$
$\square = 4 + 1$	$3 = \square + \square$
$1 + 2 = \square$	$2 + 2 = \square$
$3 + 2 = \square$	$\square = 3 + 1$
$\square = 1 + 3$	$3 = \square + \square$
$2 + 1 = \square$	$3 + 2 = \square$
$1 + 4 = \square$	$4 = \square + \square$
$\square = 3 + 2$	$4 = \square + \square$

Name \_\_\_\_\_

Date \_\_\_\_\_

# My Subtraction Practice



$5 - 1 =$ <input type="text"/>	$5 - 4 =$ <input type="text"/>
$4 - 1 =$ <input type="text"/>	$5 - 3 =$ <input type="text"/>
$3 - 1 =$ <input type="text"/>	$5 - 2 =$ <input type="text"/>
$2 - 1 =$ <input type="text"/>	$3 - 1 =$ <input type="text"/>
$5 - 2 =$ <input type="text"/>	$2 - 1 =$ <input type="text"/>
$3 - 2 =$ <input type="text"/>	$3 - 2 =$ <input type="text"/>
$4 - 3 =$ <input type="text"/>	$4 - 2 =$ <input type="text"/>
$4 - 2 =$ <input type="text"/>	$4 - 1 =$ <input type="text"/>

Name \_\_\_\_\_

Date \_\_\_\_\_

## My Subtraction Practice



$5 - 1 = \square$	$5 - 4 = \square$
$\square = 4 - 1$	$5 - 3 = \square$
$3 - 1 = \square$	$5 - 2 = \square$
$2 - 1 = \square$	$\square = 3 - 1$
$\square = 5 - 2$	$\square = 2 - 1$
$3 - 2 = \square$	$3 - 2 = \square$
$4 - 3 = \square$	$4 - 2 = \square$
$\square = 4 - 2$	$4 - 1 = \square$

Name \_\_\_\_\_

Date \_\_\_\_\_

## My Mixed Practice to 5

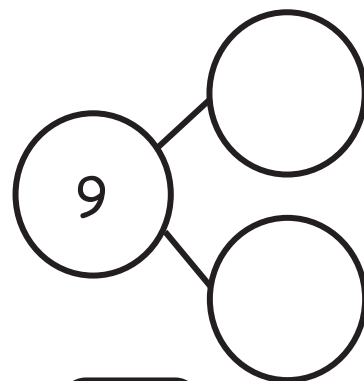


$1 + 1 = \square$	$5 - 4 = \square$
$\square = 2 - 1$	$\square = 2 + 3$
$3 + 1 = \square$	$5 - 2 = \square$
$4 - 1 = \square$	$\square = 3 - 1$
$\square = 1 + 3$	$\square = 2 + 1$
$3 + 2 = \square$	$1 + 2 = \square$
$5 - 3 = \square$	$2 + 2 = \square$
$\square = 4 + 1$	$4 - 2 = \square$

Name \_\_\_\_\_

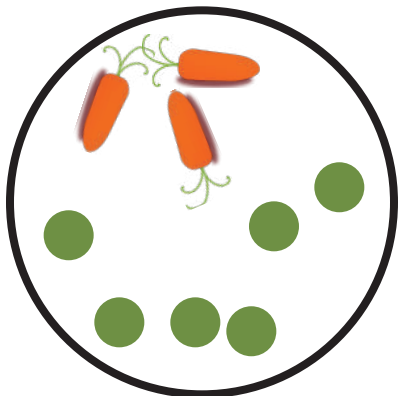
Date \_\_\_\_\_

Izzy had a tea party with 7 teddy bears and 2 dolls. There were 9 friends at the party. Fill in the number bond and number sentence.



$$9 = \square + \square$$

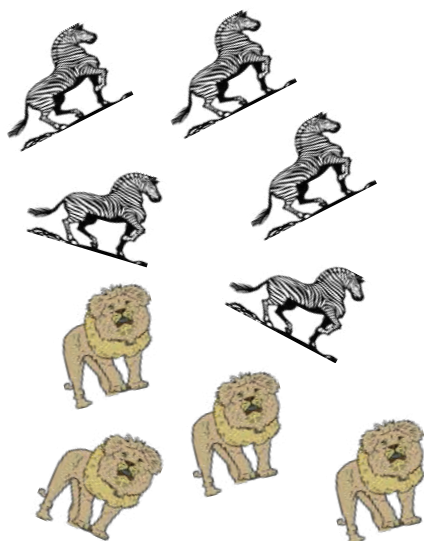
Robin had 9 vegetables on her plate. She had 3 carrots and 6 peas. Draw the carrots and peas in the 5-group way. Fill in the number sentence.



$$9 = \square + \square$$



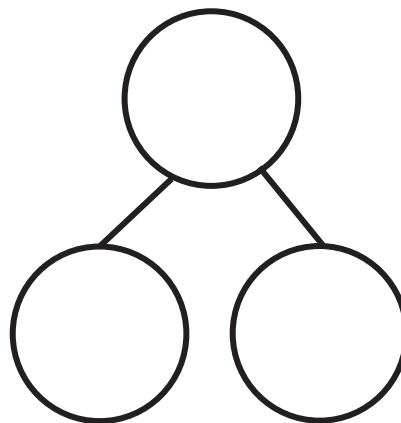
Shane played with 5 toy zebras and 4 toy lions. He had 9 animal toys in all. Draw black and tan circles to show the zebras and the lions in the 5-group way. Fill in the number sentence.



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

Jimmy had 9 marbles. 8 were red, and 1 was green. Draw the marbles in the 5-group way. Fill in the number bond and number sentence.

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

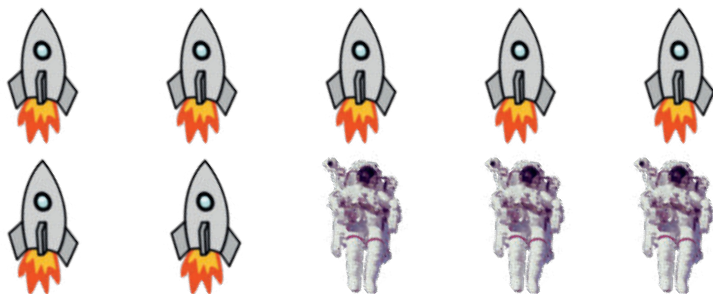


Name \_\_\_\_\_

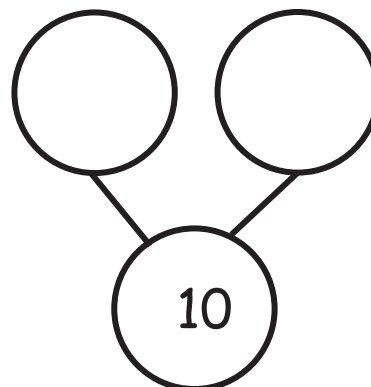
Date \_\_\_\_\_

Fill in the number bonds, and complete the number sentences.

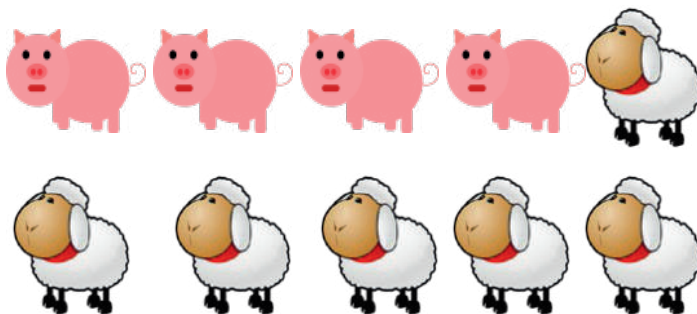
Ricky had 10 space toys. He had 7 rockets and 3 astronauts.



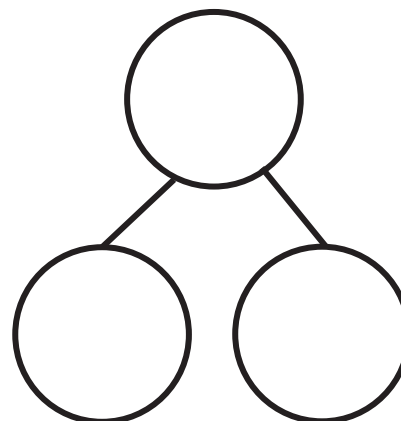
$$10 = \square + \square$$



Bianca had 4 pigs and 6 sheep on her farm. She had 10 animals altogether.



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



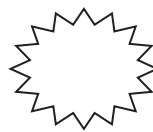
Danica had 5 green balloons. Her friend gave her 5 blue balloons. Draw all of her balloons in the 5-group way. Fill in both number sentences.

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

Jason is playing with 10 bouncy balls. He has 8 on the table and 2 on the floor. Draw the bouncy balls in the 5-group way. Fill in both number sentences.

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

Number Correct:



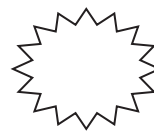
Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing number.

1	$2 + 1 = \square$	11	$\square = 3 + 2$
2	$1 + 1 = \square$	12	$1 + 3 = \square$
3	$1 + 4 = \square$	13	$\square = 2 + 2$
4	$3 + 1 = \square$	14	$\square = 1 + 2$
5	$2 + 2 = \square$	15	$1 + 4 = \square$
6	$2 + 3 = \square$	16	$\square = 2 + 3$
7	$1 + 2 = \square$	17	$\square = 5 + 1$
8	$4 + 1 = \square$	18	$5 + 2 = \square$
9	$3 + 2 = \square$	19	$1 + 0 = \square$
10	$1 + 3 = \square$	20	$5 + 0 = \square$

Number Correct:



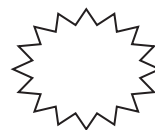
Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing number.

1	$2 - 1 = \square$	11	$\square = 4 - 2$
2	$4 - 1 = \square$	12	$5 - 3 = \square$
3	$5 - 1 = \square$	13	$\square = 3 - 1$
4	$3 - 1 = \square$	14	$\square = 5 - 2$
5	$3 - 2 = \square$	15	$4 - 1 = \square$
6	$4 - 2 = \square$	16	$\square = 5 - 4$
7	$5 - 3 = \square$	17	$\square = 5 - 1$
8	$5 - 2 = \square$	18	$6 - 1 = \square$
9	$4 - 3 = \square$	19	$1 - 0 = \square$
10	$5 - 4 = \square$	20	$5 - 5 = \square$

Number Correct:



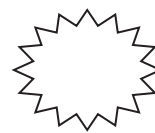
Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing number.

1	$2 + 1 = \square$	11	$3 + 2 = \square$
2	$2 - 1 = \square$	12	$3 - 2 = \square$
3	$3 + 1 = \square$	13	$4 + 0 = \square$
4	$3 - 1 = \square$	14	$4 - 0 = \square$
5	$4 + 1 = \square$	15	$5 + 0 = \square$
6	$4 - 1 = \square$	16	$5 - 0 = \square$
7	$1 + 1 = \square$	17	$5 - 5 = \square$
8	$1 - 1 = \square$	18	$4 + 1 = \square$
9	$2 + 2 = \square$	19	$5 - 4 = \square$
10	$2 - 2 = \square$	20	$5 - 1 = \square$

Number Correct:



Name \_\_\_\_\_

Date \_\_\_\_\_

Write the missing number.

1	$2 + 1 = \square$	11	$\square = 1 + 2$
2	$4 + 1 = \square$	12	$5 + 0 = \square$
3	$5 - 1 = \square$	13	$\square = 3 - 1$
4	$3 + 1 = \square$	14	$\square = 2 + 2$
5	$3 + 2 = \square$	15	$4 - 1 = \square$
6	$4 - 2 = \square$	16	$\square = 5 - 4$
7	$5 - 3 = \square$	17	$\square = 5 - 1$
8	$5 - 2 = \square$	18	$3 + 0 = \square$
9	$2 + 3 = \square$	19	$1 - 0 = \square$
10	$5 - 4 = \square$	20	$5 - 5 = \square$

Name \_\_\_\_\_

Date \_\_\_\_\_

**Draw the story. Fill in the number sentence.**

Zayne had 6 round crackers and 3 square crackers. How many crackers did Zayne have in all?

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

Riley had 9 crayons. Her friend gave her 1 crayon. How many crayons did Riley have in all?

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



**Draw the story. Write a number sentence to match.**

Jenny had 3 red and 7 purple pieces of construction paper. How many pieces of construction paper did Jenny have altogether?

---

Rhett had 5 square blocks. His friend gave him 4 rectangle blocks. How many blocks did Rhett have altogether?

Name \_\_\_\_\_

Date \_\_\_\_\_

Listen to the word problem. Fill in the number sentence.

Cecilia has 9 bows. Some have polka dots, and some have stripes. How many polka dot and how many striped bows do you think Cecilia has?

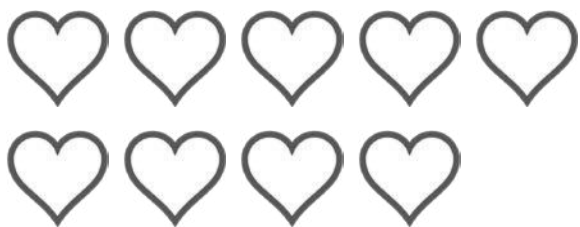


$$9 = \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

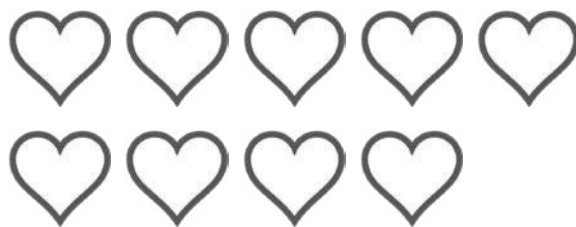
Keegan has 10 train cars. Some are black, and some are green. How many black and green train cars do you think Keegan has?

$$10 = \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

Kate has 9 heart stickers. Some are yellow, and the rest are green. Show two different ways Kate's stickers could look. Fill in the number sentences to match.

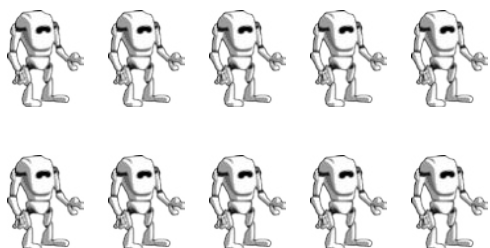


$$9 = \square + \square$$

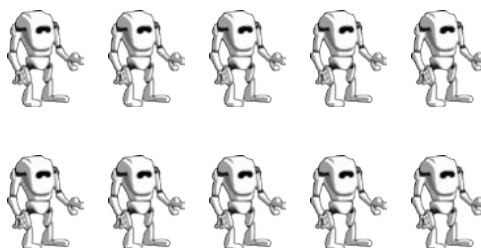


$$9 = \square + \square$$

Danny has 10 robots. Some are red, and the rest are gray. Show two different ways Danny's robots could look. Fill in the number sentences to match.



$$10 = \square + \square$$



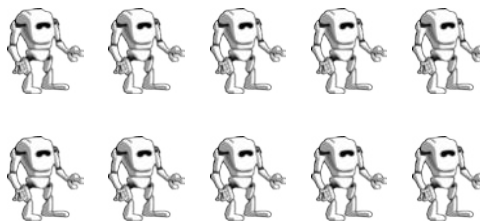
$$10 = \square + \square$$

Name \_\_\_\_\_

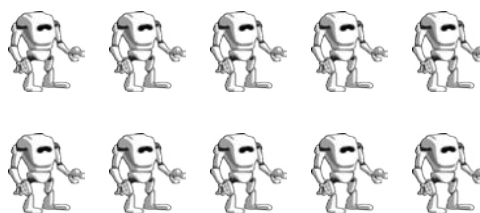
Date \_\_\_\_\_

Color the robots to match the number sentence. Tell a story about the robots.

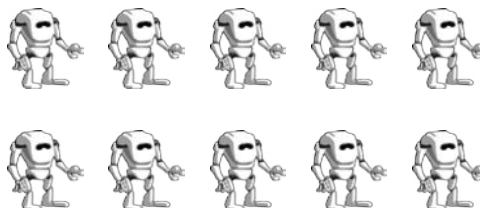
$$10 = 5 + 5$$



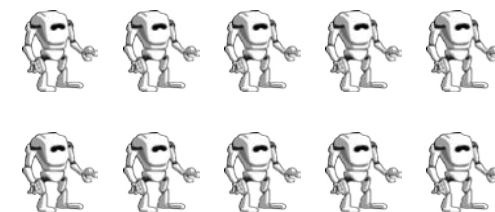
$$10 = 6 + 4$$



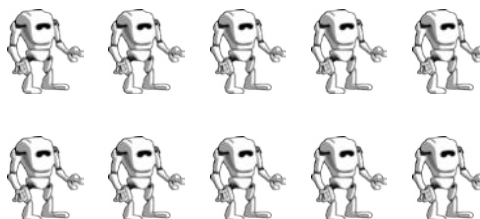
$$10 = 7 + 3$$



$$10 = 8 + 2$$



$$10 = 9 + 1$$



Name \_\_\_\_\_

Date \_\_\_\_\_

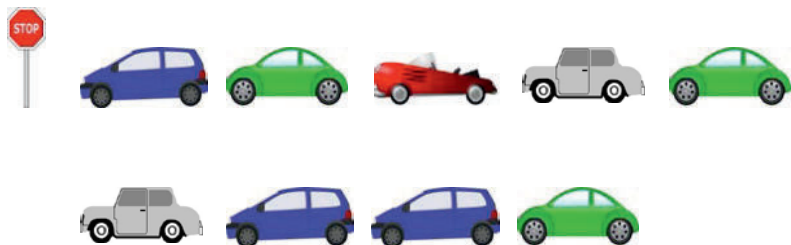
Fill in the number sentence to match the story.

There were 7 trains. 2 trains rolled away. Now, there are 5 trains.



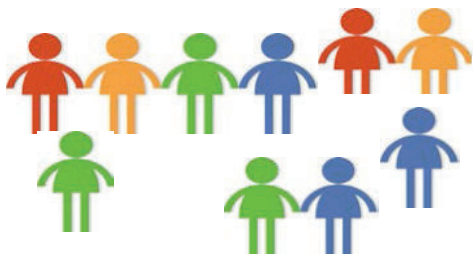
$$\underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

There were 9 cars at the stop sign. 7 drove away. There are 2 cars left.



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

There were 10 people. 6 people got on the bus. Now, there are 4 people.



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

Draw the story. Fill in the number sentence to match.

The bus had 10 people. 5 people got off. Now, there are 5 people left.

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

There were 9 planes in the sky. 3 planes landed. Now, there are 6 planes in the sky.

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Name \_\_\_\_\_

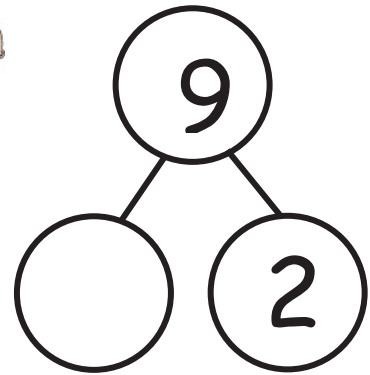
Date \_\_\_\_\_

Fill in the number sentences and number bonds.

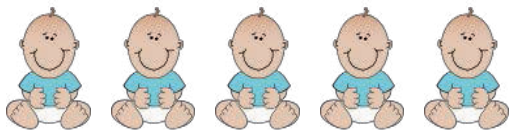
There are 9 babies playing. 2 crawl away. How many babies are left?



$$9 - 2 = \underline{\quad}$$

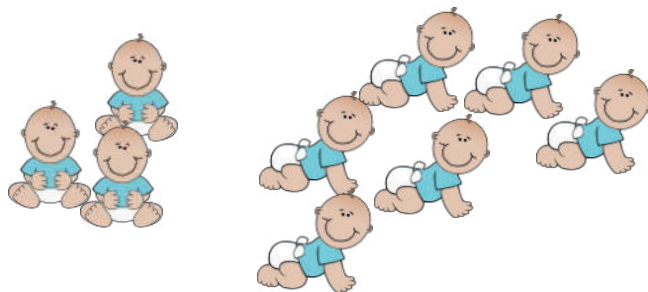


There are 10 babies playing. 1 crawls away. How many babies are left?

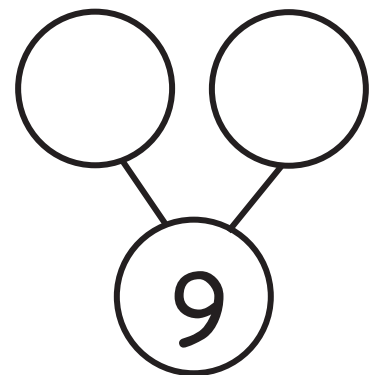


$$\underline{10} - \underline{\quad} = \underline{\quad}$$

There are 9 babies playing. 6 crawl away. How many babies are left?



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



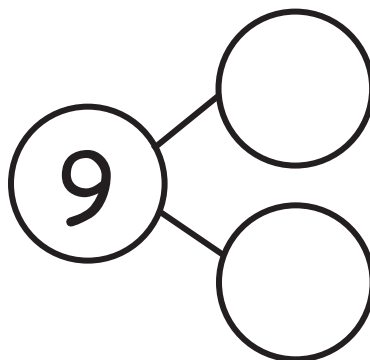
The squares below represent cube sticks.

Carlos had a 9-stick. He broke off 4 cubes to share with his friend.

How many cubes are left? Draw a line to show where he broke his stick.



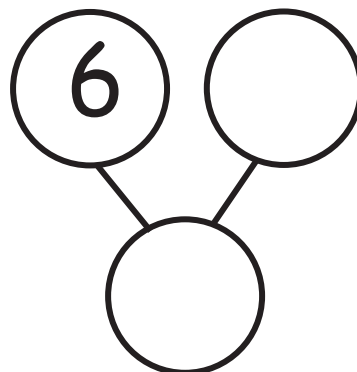
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$



Sophie had 10 grapes. She ate 6 grapes. How many grapes are left?

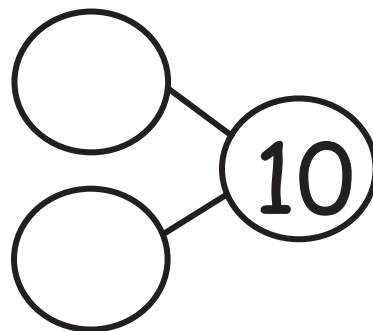
Draw her grapes, and cross off the ones she ate.

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



Spot had 10 bones. He hid 8 bones in the ground. How many bones does he have now? Draw Spot's bones.

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



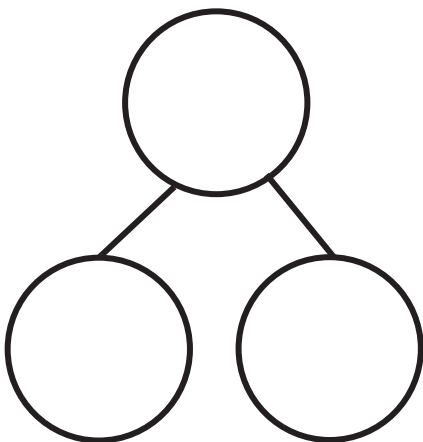


Name \_\_\_\_\_

Date \_\_\_\_\_

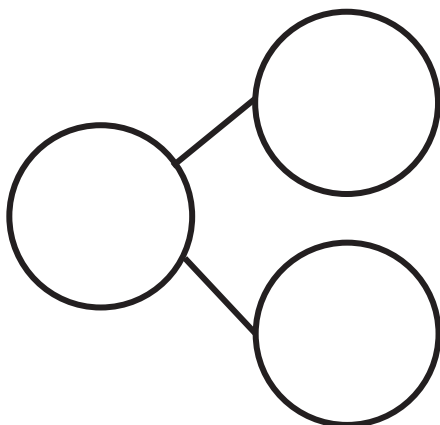
Fill in the number bond and number sentence. Cross off the part that goes away.

Jeremy had 9 baseballs. He took 5 baseballs outside to play, and they got lost. How many balls are left?



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

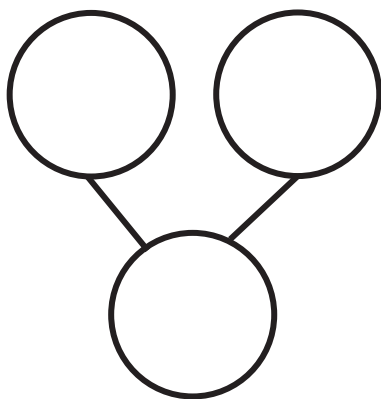
Sandy had 9 leaves. Then, 4 leaves blew away. How many leaves are left?



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

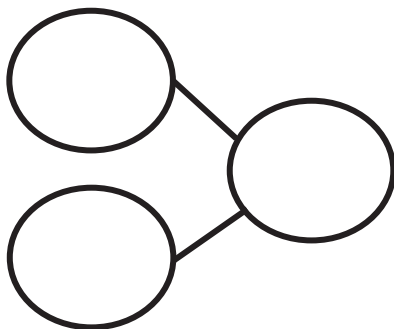
Make a 5-group drawing to show the story. Cross off the part that goes away. Fill in the number bond and number sentence.

Ryder had 9 star stickers. He gave 3 to his friend. How many star stickers does Ryder have now?



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

Jen had 9 granola bars. She gave 8 of the granola bars to her teammates. How many granola bars does she have left?



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

Subtract.

$2 - 1 = \boxed{\quad}$

$3 - 2 = \boxed{\quad}$

$4 - 3 = \boxed{\quad}$

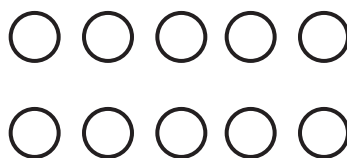
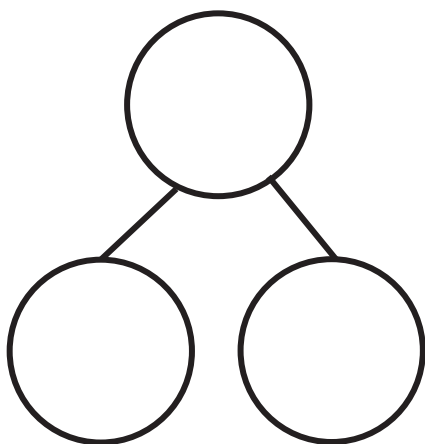
$5 - 4 = \boxed{\quad}$

Name \_\_\_\_\_

Date \_\_\_\_\_

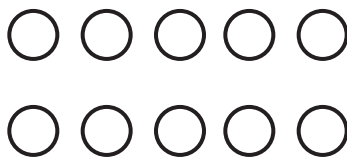
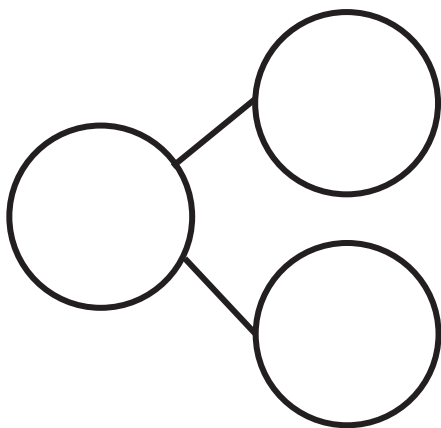
Fill in the number bond and number sentence. Cross off the part that goes away.

Stan had 10 blueberries. He ate 5 berries. How many blueberries are left?



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

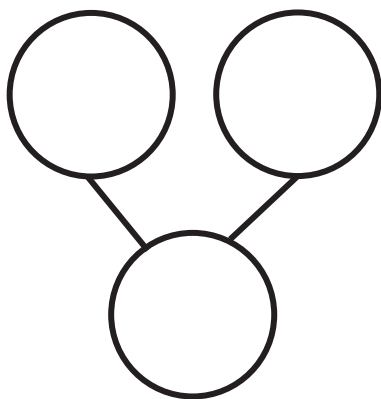
Tracy had 10 heart stickers. She lost 1 sticker. How many stickers are left?



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

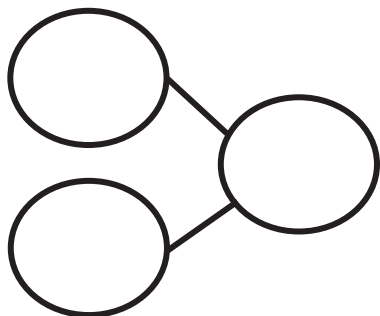
Make a 5-group drawing to show the story. Fill in the number bond and number sentence. Cross off the part that goes away.

Nick had 10 party hats. 7 hats were thrown away. How many hats does Nick have now?



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

Tatiana had 10 juice boxes. 3 juice boxes broke and spilled. How many full juice boxes does she have left?



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

Subtract.

$5 - 1 = \boxed{\quad}$

$5 - 2 = \boxed{\quad}$

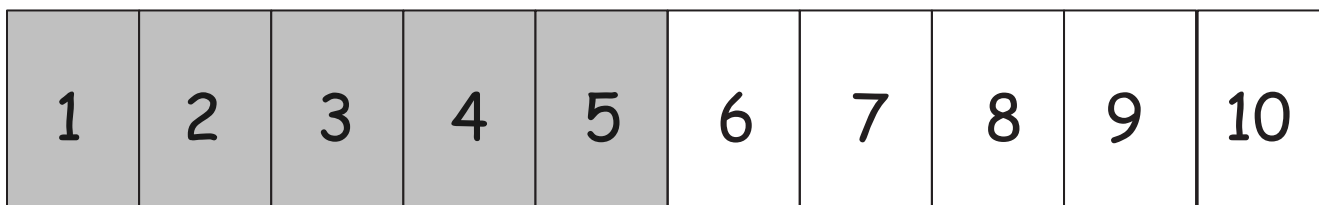
$5 - 3 = \boxed{\quad}$

$5 - 4 = \boxed{\quad}$

Name \_\_\_\_\_

Date \_\_\_\_\_

Listen to each story. Show the story with your fingers on the number path. Then, fill in the number sentence.



Freddy has 3 strawberries for a snack. His dad gave him 2 more strawberries. How many strawberries does Freddy have now?

$$\underline{3} + \underline{2} = \underline{\quad}$$

Freddy ate 2 of his strawberries. How many strawberries does Freddy have now?

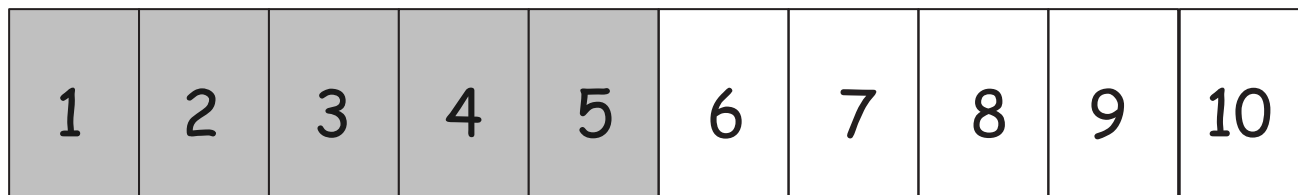
$$\underline{5} - \underline{2} = \underline{\quad}$$

Logan had 7 frogs. 2 frogs hopped away. How many frogs does Logan have now?

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

Pretend that Logan's 2 frogs hopped back. How many frogs does he have now?

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



Stella had 4 pennies. She found 3 more pennies. How many pennies does Stella have now?

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

Stella gave the 3 pennies to her dad. How many pennies does she have now?

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

Marissa made 8 bracelets. She loved them so much she did not give any away. How many bracelets does Marissa have now?

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

Jackson found 6 toys under his bed. He looked and did not find any more toys. How many toys does Jackson have now?

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

Solve.

$2 + 0 = \boxed{\quad}$

$2 - 0 = \boxed{\quad}$

$4 - 0 = \boxed{\quad}$

$3 + 0 = \boxed{\quad}$







Imagine more to add to 5, and write the addition sentence in the box.

○ ○ ○ ○	○ ○ ○ ○
○ ○ ○	○ ○ ○
○ ○	○ ○
○	○ ○ ○
○ ○ ○ ○	○ ○ ○
○ ○ ○	○ ○ ○
○ ○	○ ○

\_\_\_\_\_

imagine more to add to 5

Cross out 2, and finish the subtraction sentence.

	$3 - 2 = \underline{\quad}$
	$4 - 2 = \underline{\quad}$
	$5 - 2 = \underline{\quad}$
	$2 - 2 = \underline{\quad}$
	$4 - \underline{\quad} = \underline{\quad}$
	$5 - \underline{\quad} = \underline{\quad}$

cross out 2



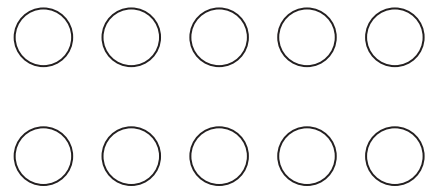
Name \_\_\_\_\_

Date \_\_\_\_\_

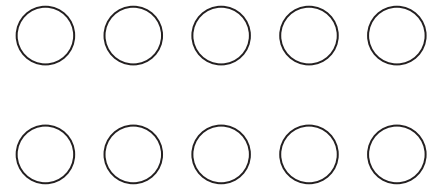
1	2	3	4	5	6	7	8	9	10
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Use the number path to add. Write the number in the box. Color the circles to match. Use a different color to show 1 more.

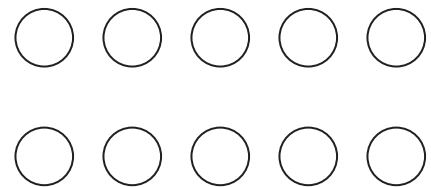
$$1 + 1 = \boxed{\phantom{00}}$$



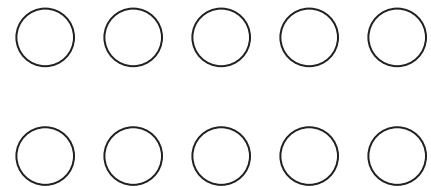
$$2 + 1 = \boxed{\phantom{00}}$$



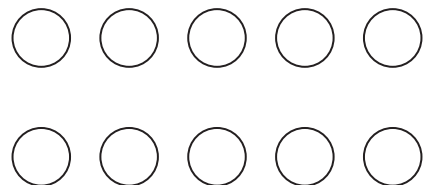
$$3 + 1 = \boxed{\phantom{00}}$$



$$4 + 1 = \boxed{\phantom{00}}$$



$$5 + 1 = \boxed{\phantom{00}}$$

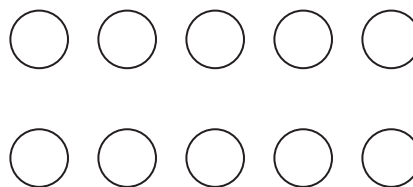


6

+

1

=

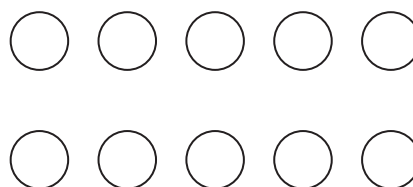


7

+

1

=

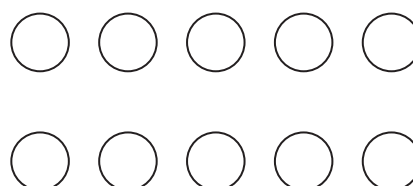


8

+

1

=

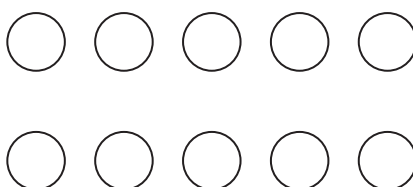


9

+

1

=

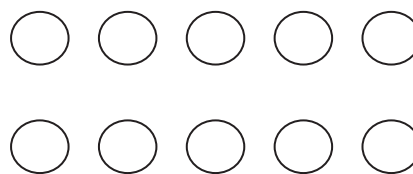


Fill in the number sentences. Color the circles.

+

1

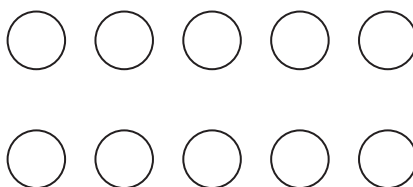
=



+

1

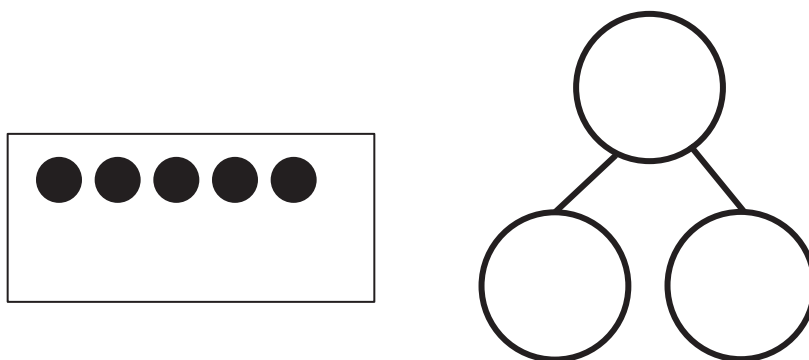
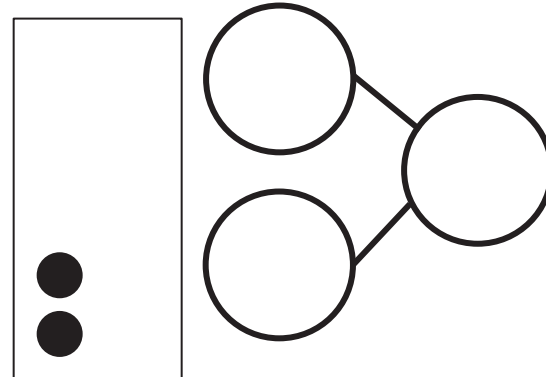
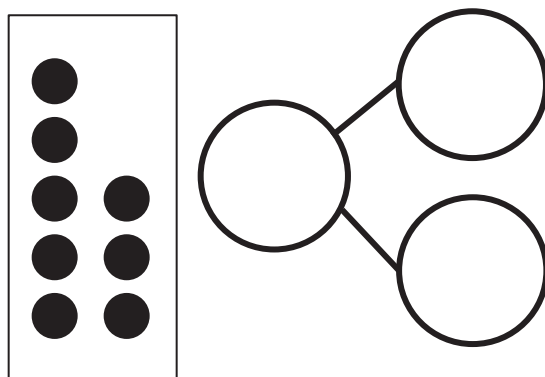
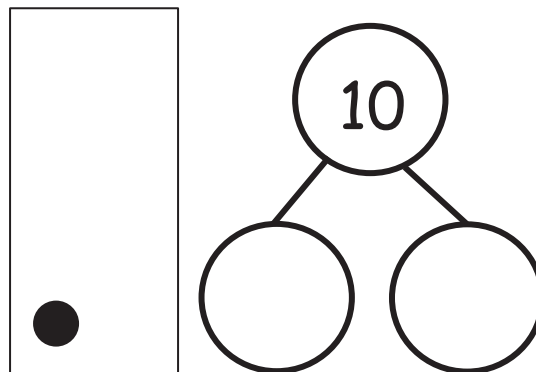
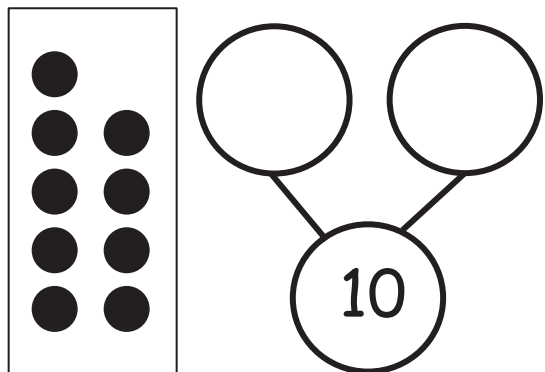
=



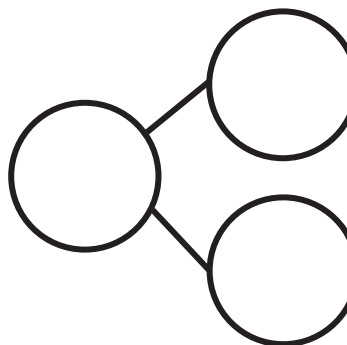
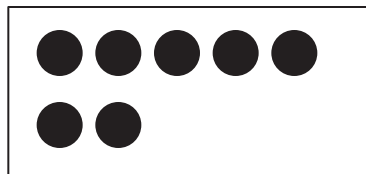
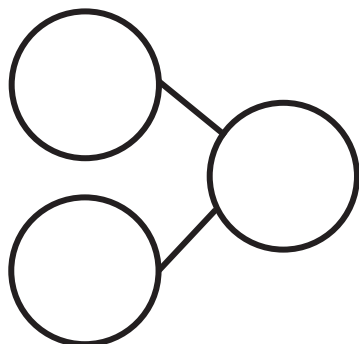
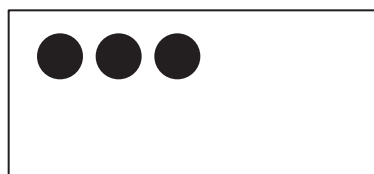
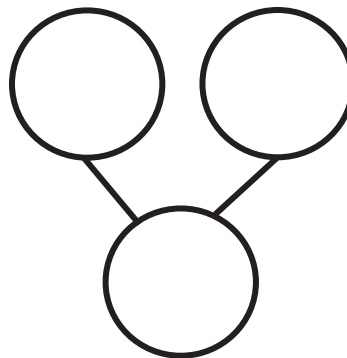
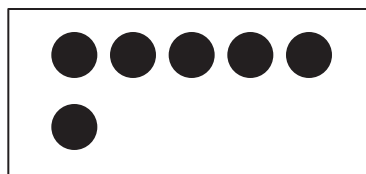
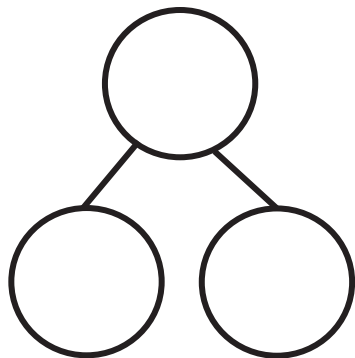
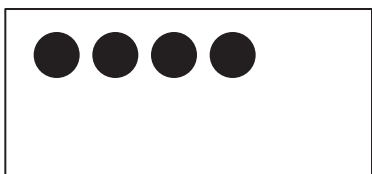
Name \_\_\_\_\_

Date \_\_\_\_\_

Draw dots to make 10. Fill in the number bond.



Draw dots to make 10. Fill in the number bond.



Solve.

$9 + 1 =$

$5 + 5 =$

$7 + 3 =$

$10 + 0 =$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 10$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 10$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 10$$

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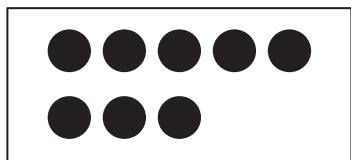
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add to make 10 recording sheet

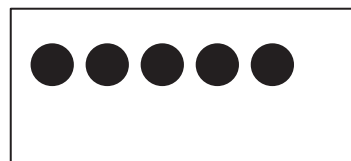
Name \_\_\_\_\_

Date \_\_\_\_\_

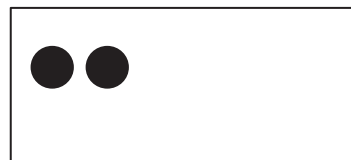
Look at the 5-group cards. Draw dots to make 10. Fill in the number sentences.



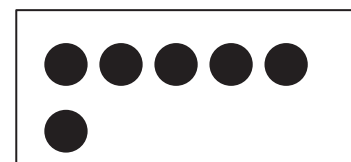
$$\square + \square = 10$$



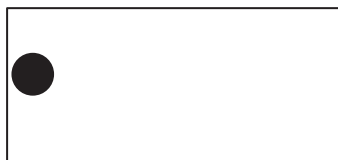
$$\square + \square = 10$$



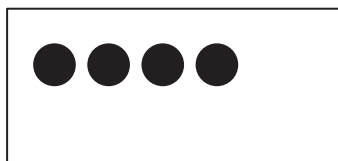
$$\square + \square = 10$$



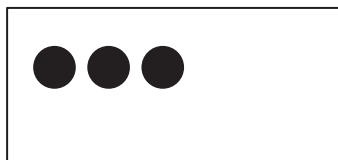
$$\square + \square = 10$$



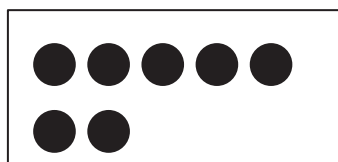
$$\square + \square = 10$$



$$\square + \square = 10$$



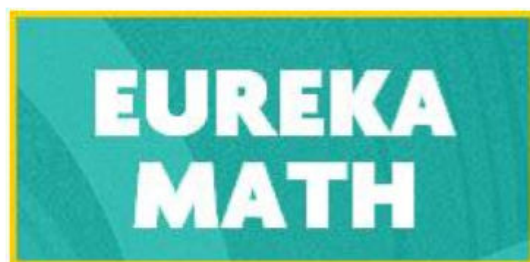
$$\square + \square = 10$$



$$\square + \square = 10$$

On the back of this page, create a 5-group card. Draw dots to make 10, and write a number sentence.





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Video tutorials: <http://embarc.online>



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