OER K–5 Math

EDITION 1

ENGLISH

# Grade 1
# Module 1

LEARN

**SUMS AND DIFFERENCES TO 10** | STUDENT EDITION

Learn

# K–5 Math Grade 1 Module 1

## SUMS AND DIFFERENCES TO 10

Acknowledgment

Thank you to all the Texas educators and stakeholders who supported the review process and provided feedback. These materials are the result of the work of numerous individuals, and we are deeply grateful for their contributions.

Notice

These learning resources have been built for Texas students, aligned to the Texas Essential Knowledge and Skills, and are made available pursuant to Chapter 31, Subchapter B-1 of the Texas Education Code.

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# Read–Draw–Write (RDW) Process

The K–5 Math materials support students as they problem solve by using a simple, repeatable process introduced by the teacher. The Read–Draw–Write (RDW) process calls for students to

1. Read the problem.
2. Draw and label.
3. Write a number sentence (equation).
4. Write a word sentence (statement).

Families may support the process by encouraging their student to ask themselves questions such as

- What do I see?
- Can I draw something?
- What conclusions can I make from my drawing?

The more students participate in reasoning through problems with this systematic approach, the more they internalize these practices and thought processes.

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## Read

Catalina found 5 leaves that blew in through the window. Then, she found 2 more leaves that blew in. Draw a picture and use numbers to show how many leaves Catalina found in all.

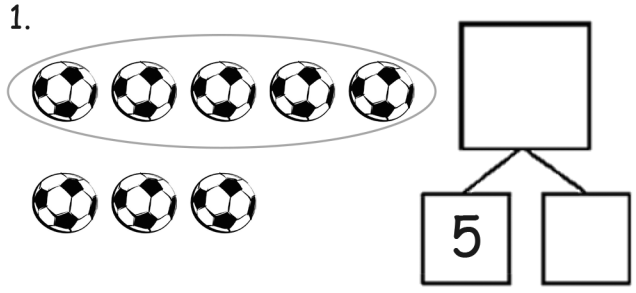
## Draw

# Write

Name _____ Date _____

Circle 5, and then make a number bond.

1.

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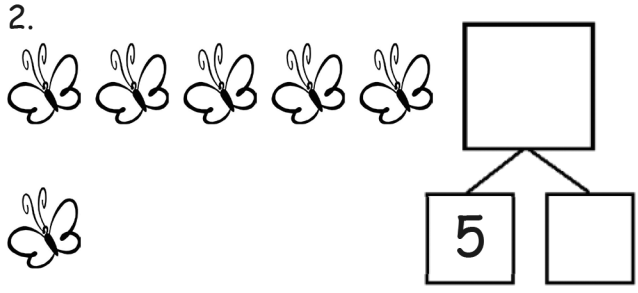


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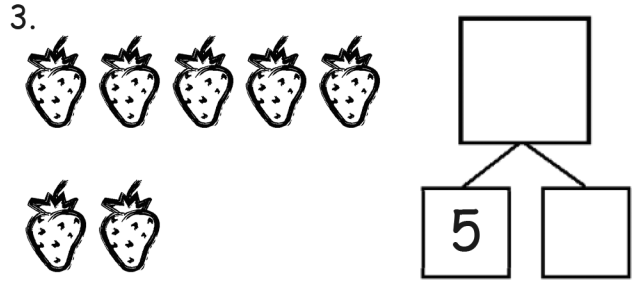


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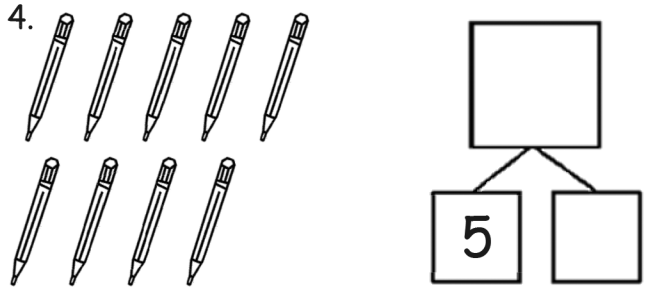
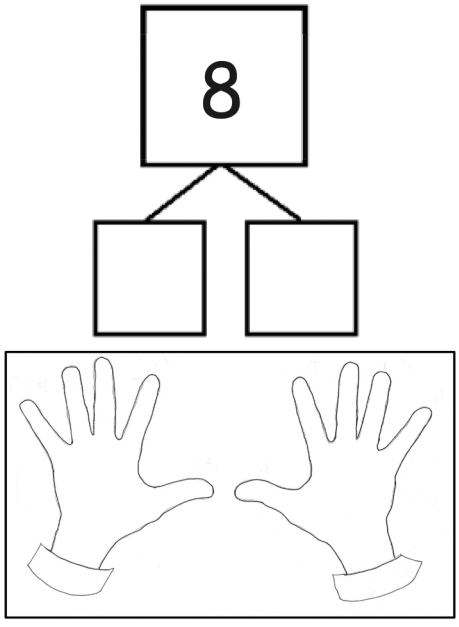



Draw rings on the fingers from left to right to show the total in the number bond. Then, fill in the parts to complete the number bond.

5.

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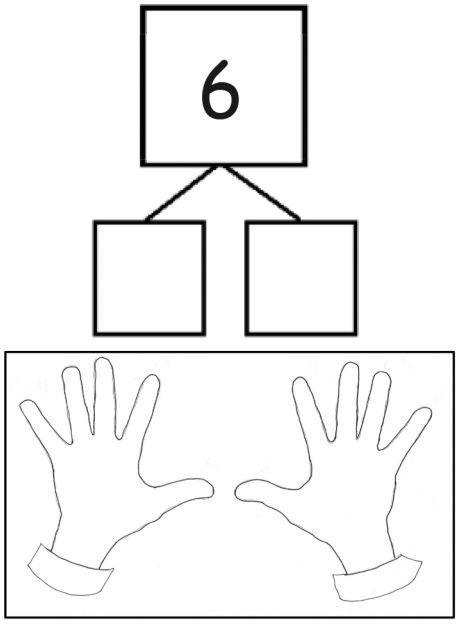
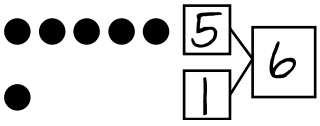


Make a number bond that shows 5 as one part.

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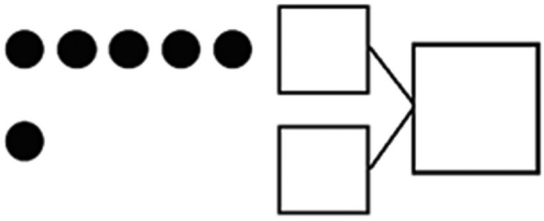

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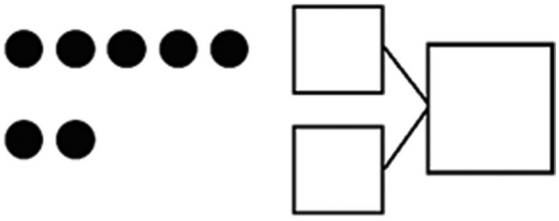

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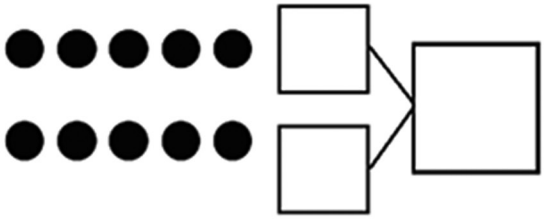

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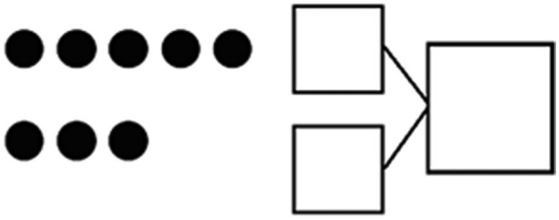

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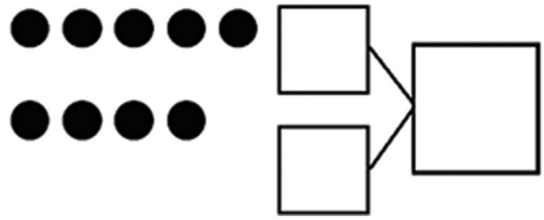

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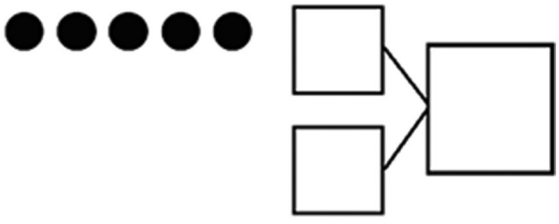
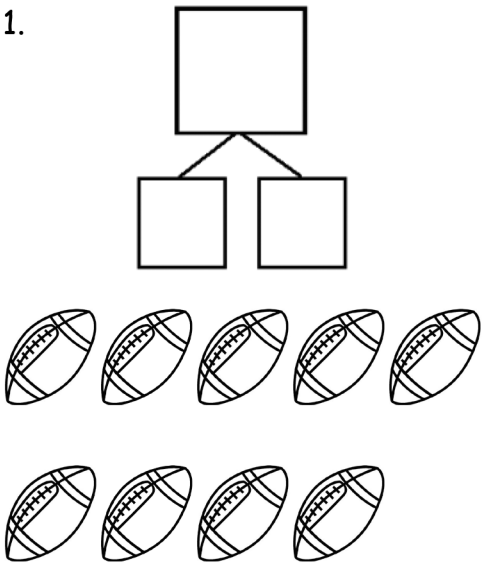


Name _____ Date _____

Make a number bond for the pictures that shows 5 as one part.

1.



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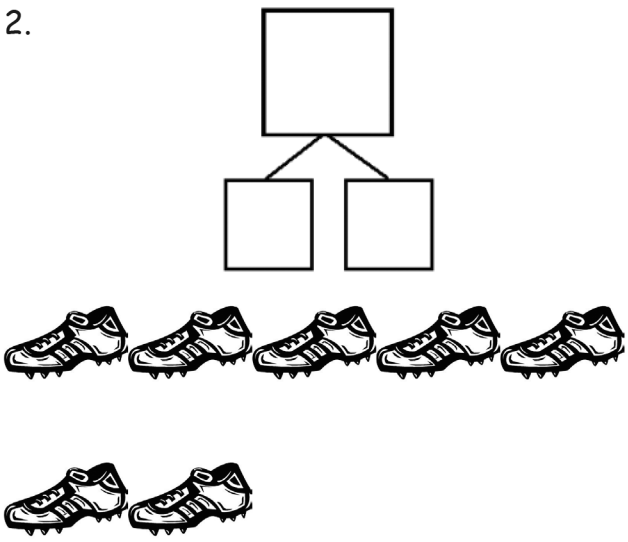
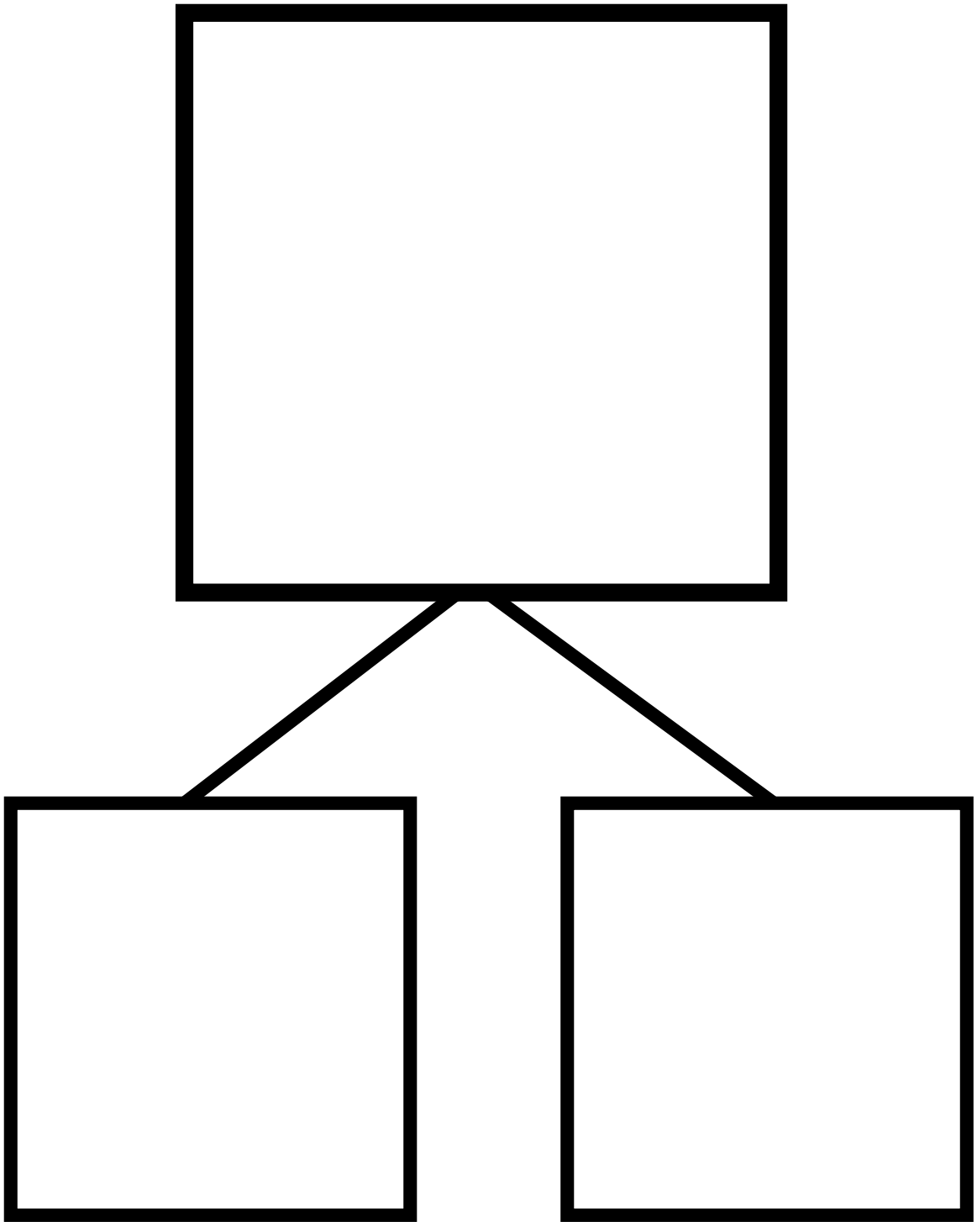




number bond

## Read

Bella spilled some pencils on the carpet. Geno came over to help her pick them up. Geno found 5 pencils under the desk and Bella found 4 by the door. How many pencils did they find together?

Draw a math picture and write a number bond and a number sentence that tells about the story.

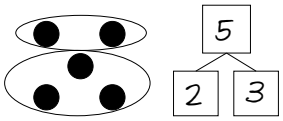
## Draw

## Write

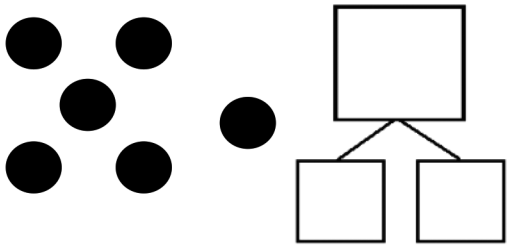
They found ____ pencils.

Name _____ Date _____

Circle 2 parts you see. Make a number bond to match.




1.



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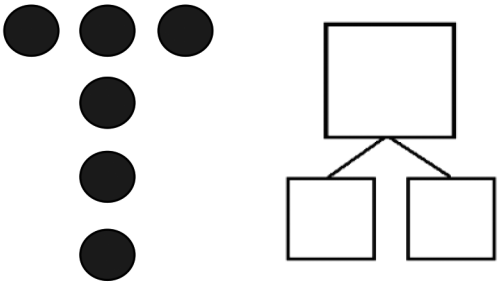

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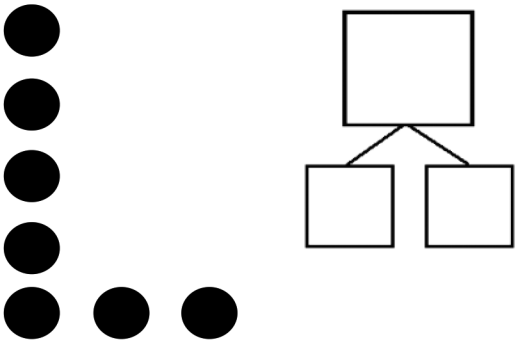

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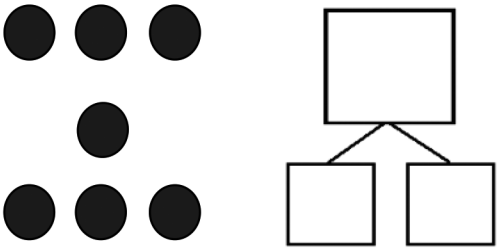

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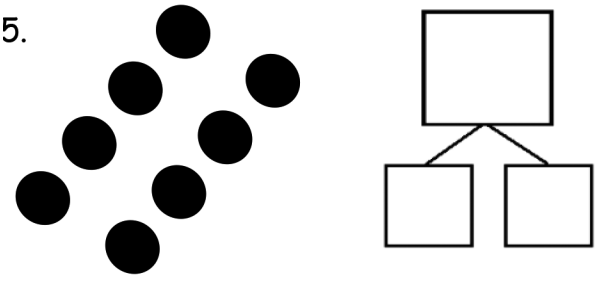

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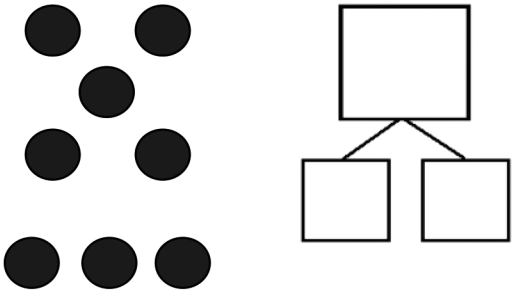
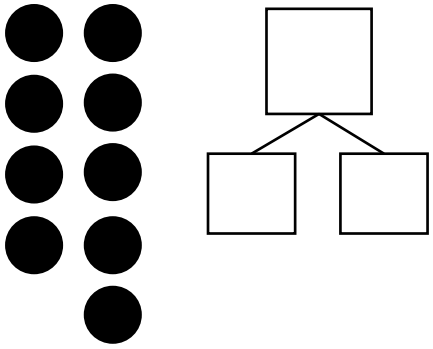
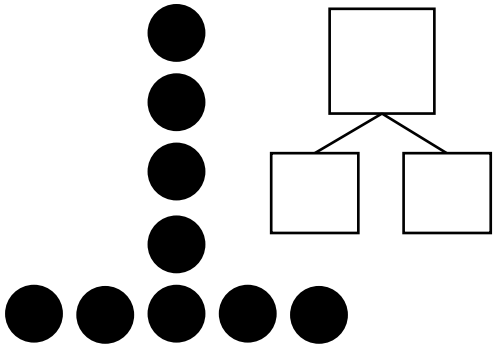
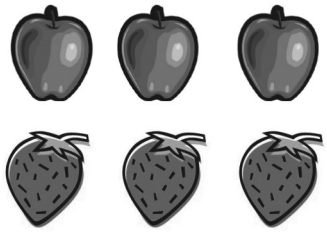
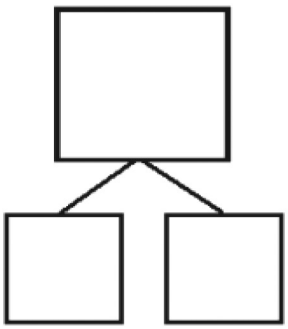


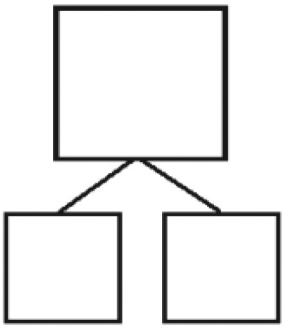
7. 

8. 

9. How many pieces of fruit do you see? Write at least 2 different number bonds to show different ways to break apart the total.

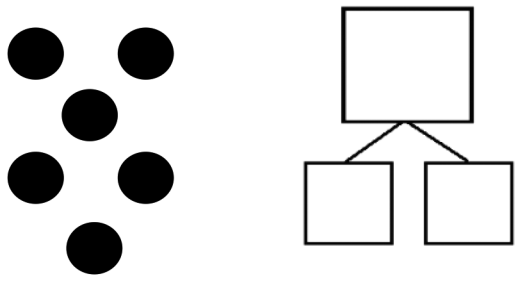


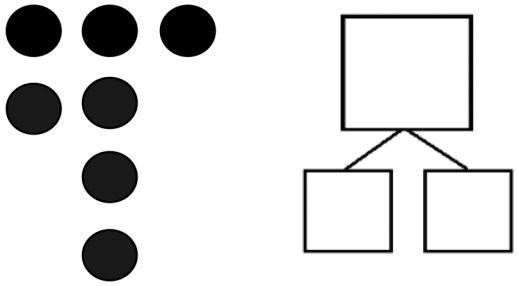


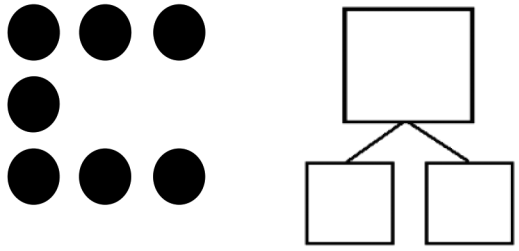


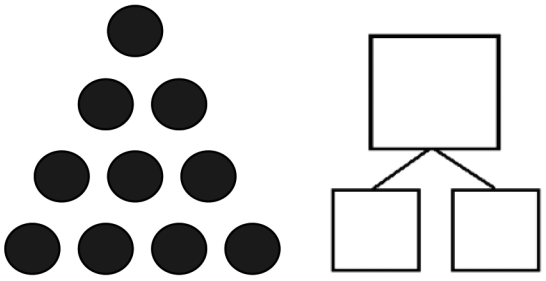
Name _____ Date _____

Circle 2 parts you see. Make a number bond to match.

1. 

2. 

3. 

4. 

## Read

Alex had 9 marbles in his hand. He hid his hands behind his back and put some in one hand and some in the other. How many marbles might be in each hand?

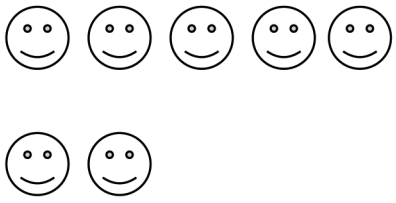
Use pictures or numbers to draw a number bond to show your idea.

## Draw

# Write

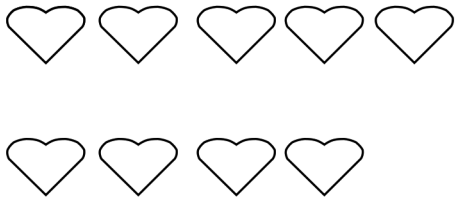
Name _____ Date _____

Draw one more in the 5-group. In the box, write the numbers to describe the new picture.

1. 

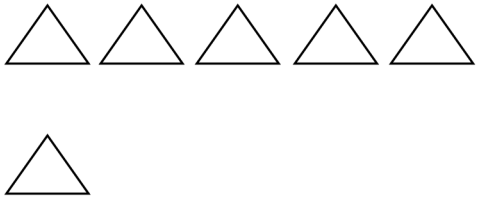
1 more than 7 is _____.

7 + 1 = _____

2. 

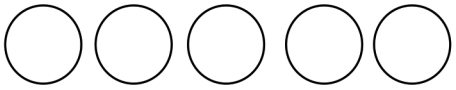
1 more than 9 is _____.

9 + 1 = _____

3. 

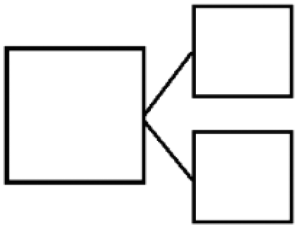
1 more than 6 is _____.

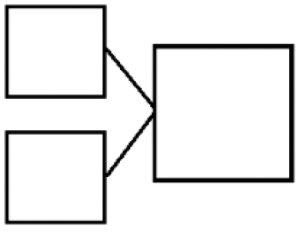
6 + 1 = _____

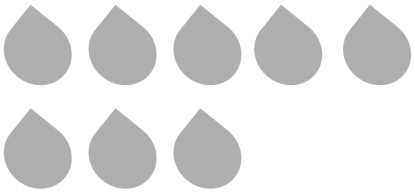
4. 

1 more than 5 is _____.

5 + 1 = _____

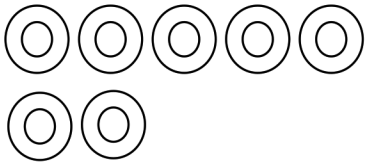




5. 

1 more than 8 is _____.

8 + 1 = _____

6. 

_____ is 1 more than 7.

_____ = 7 + 1

7. Q Q Q Q Q Q

_____ is 1 more than 6.

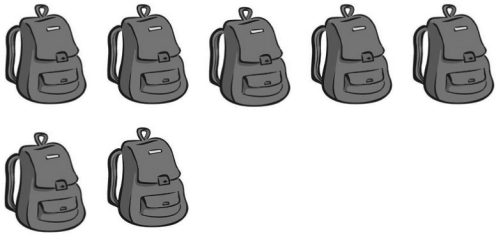
_____ = 6 + 1

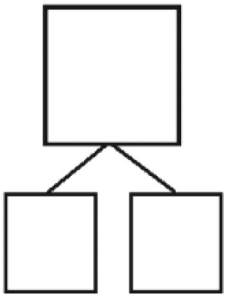
8.

_____ is 1 more than 5.

_____ = 5 + 1

9. Add 1 more backpack to the picture. Then, write the numbers in the number bond and number sentences.



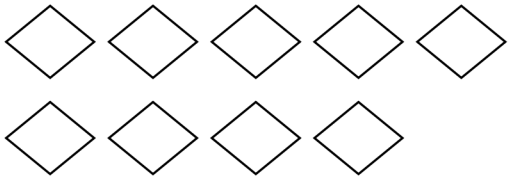


1 more than 7 is _____.

_____ + 1 = _____

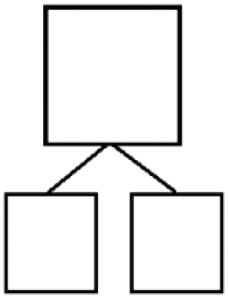
Name _____ Date _____

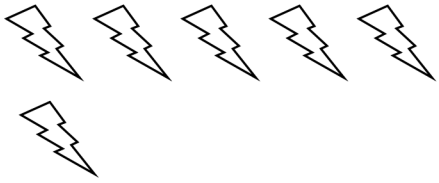
How many objects do you see? Draw one more. How many objects are there now?

1. 

_____ is 1 more than 9.

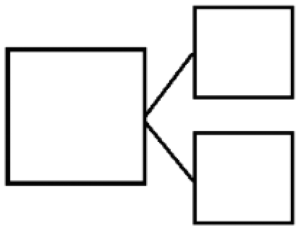
9 + 1 = _____

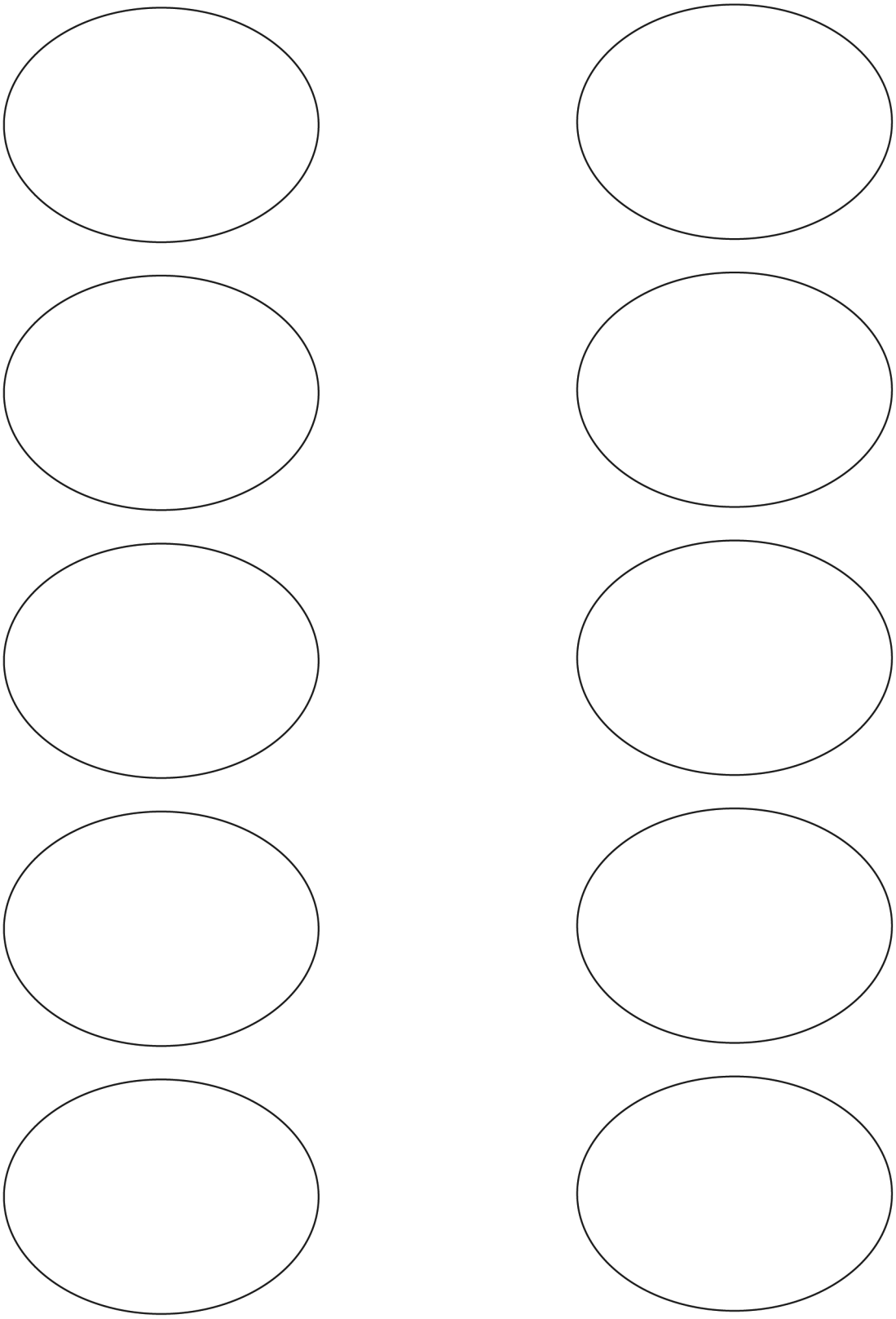


2. 

1 more than 6 is _____.

_____ + 1 = _____





5-group mat

## Read

Our class had 4 pumpkins. On Monday, Marta brought 1 more pumpkin. How many pumpkins did our class have on Monday?
On Tuesday, Beto brought 1 more pumpkin. How many pumpkins did our class have on Tuesday? Draw a picture and write a number sentence to show your thinking. What do you notice about what happened each day?

**Extension:** Then, on Wednesday, Shea brought 1 more pumpkin. How many pumpkins did our class have on Wednesday?
Draw a picture and write a number sentence to show your thinking.

**Extension:** If this pattern continues, how many pumpkins will our class have on Friday?

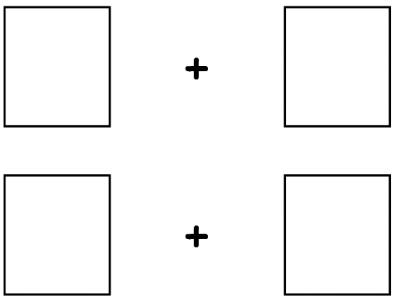
## Draw

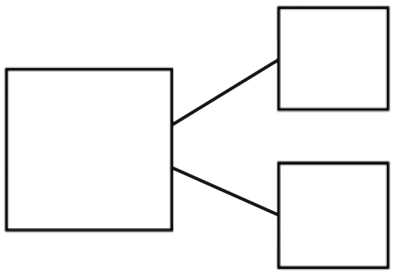
## Write

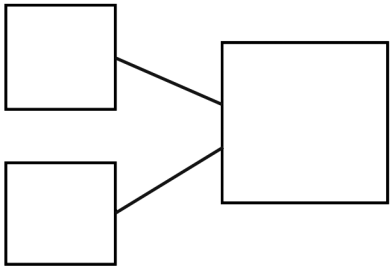
Name _____ Date _____

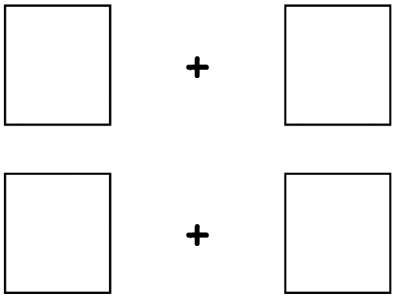
# Ways to Make 6

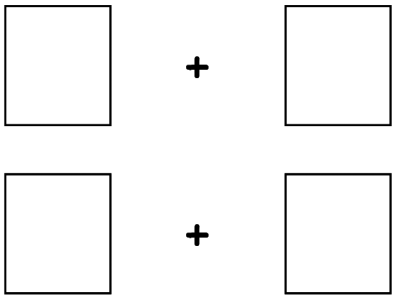
Use the apple picture to help you write all of the different ways to make 6.

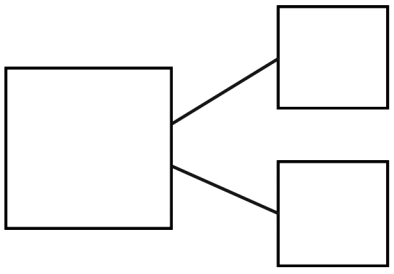


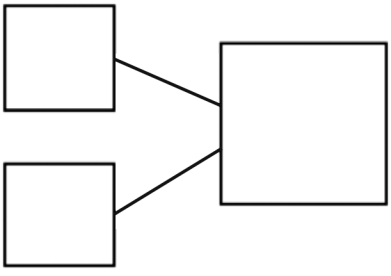


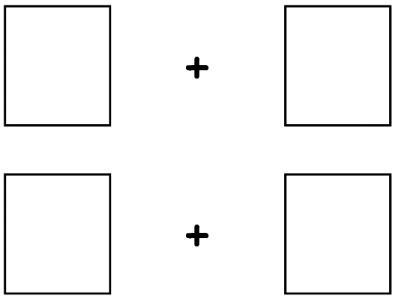






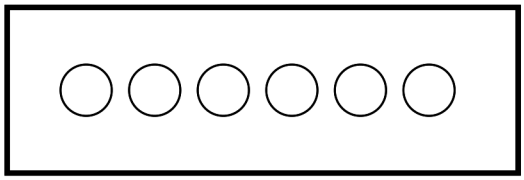


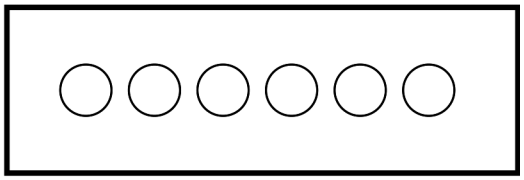


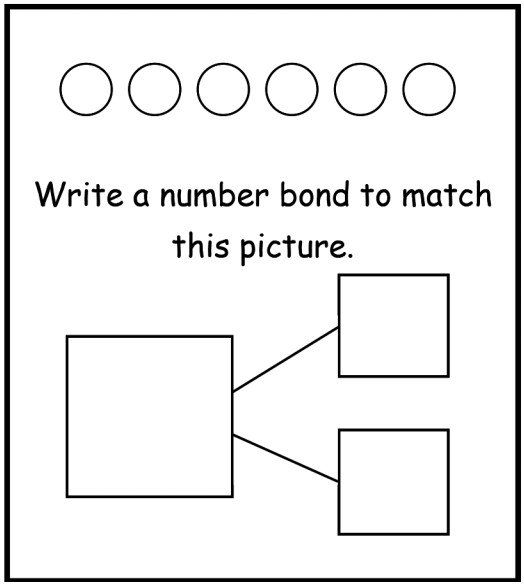


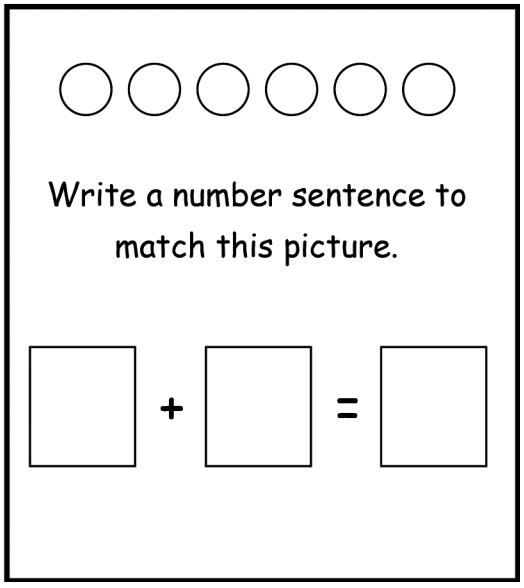
Name _____ Date _____

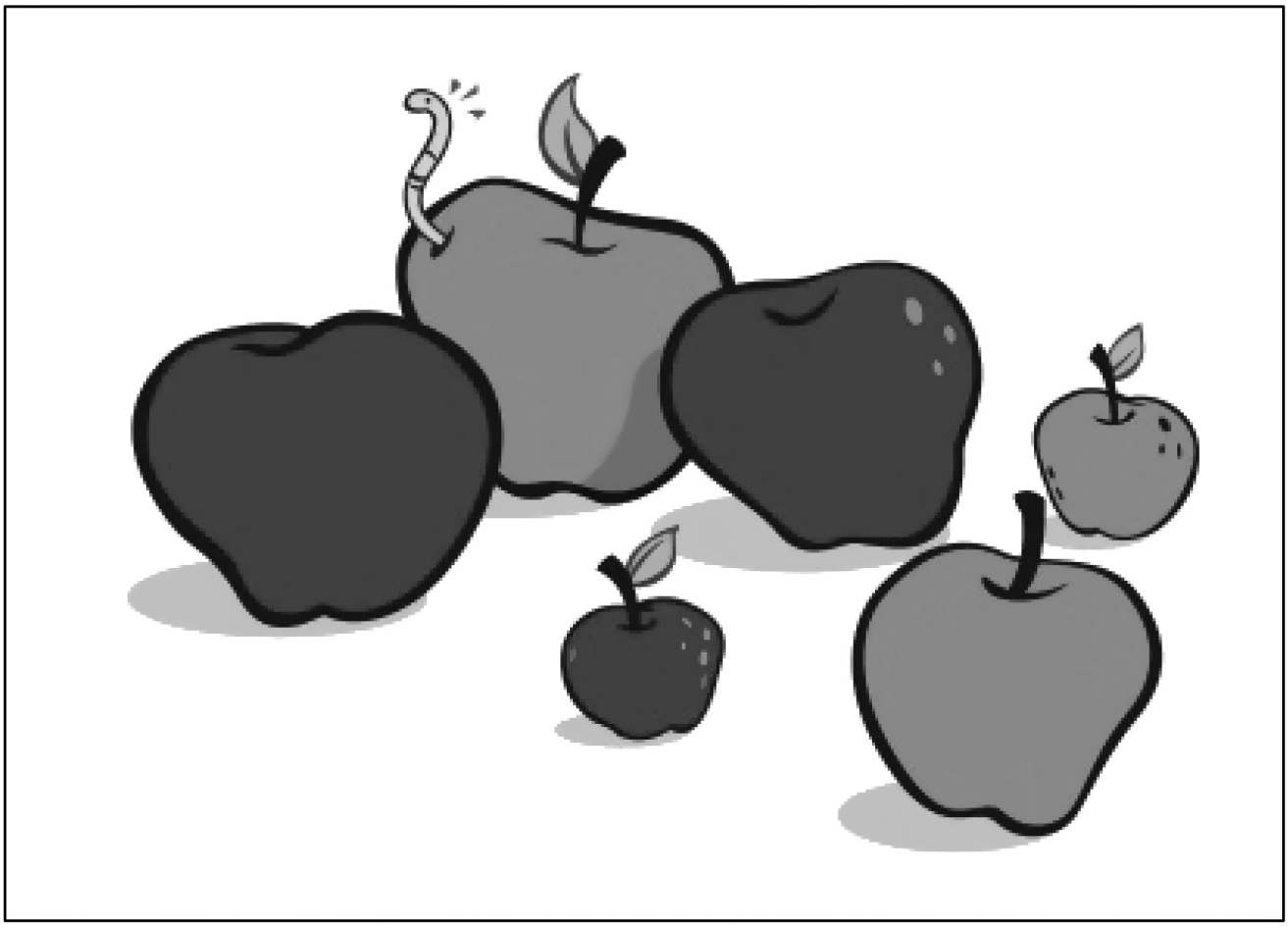
Show different ways to make 6. In each set, shade some circles and leave the others blank.









6 apples picture card

## Read

Marcus had 6 pieces of candy. He decided to give some to his mother and keep some for himself.

Use pictures and numbers to show two ways that Marcus could have split up 6 pieces of his candy.

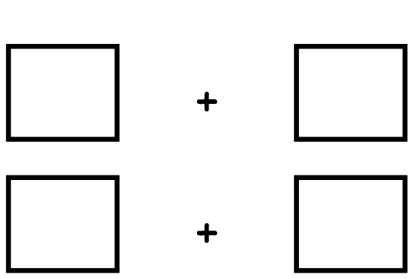
## Draw

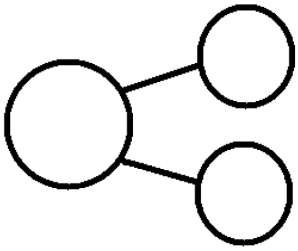
# Write

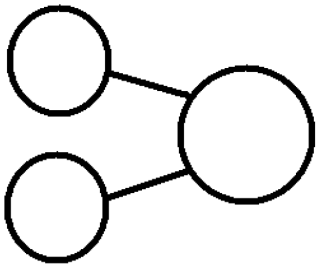
Name _____ Date _____

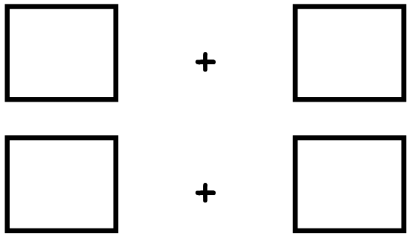
# Ways to Make 7

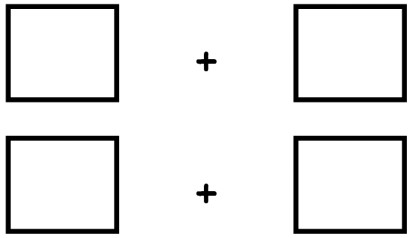
Use the classroom picture to help you write the expressions and number bonds to show all of the different ways to make 7.

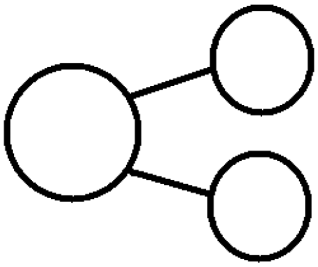


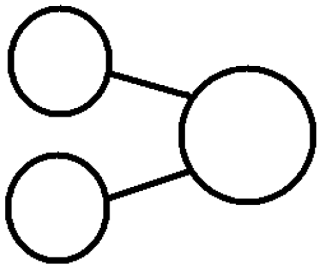


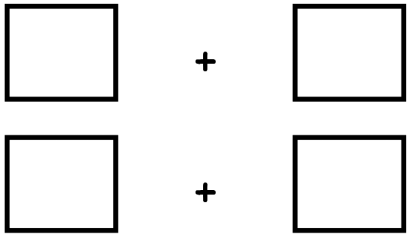






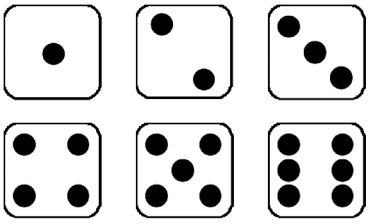


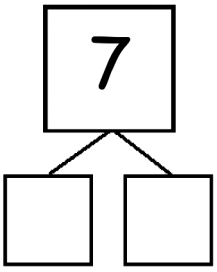


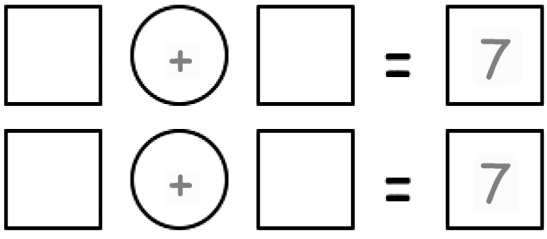


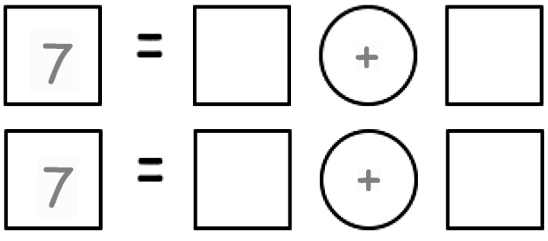
Name _____ Date _____

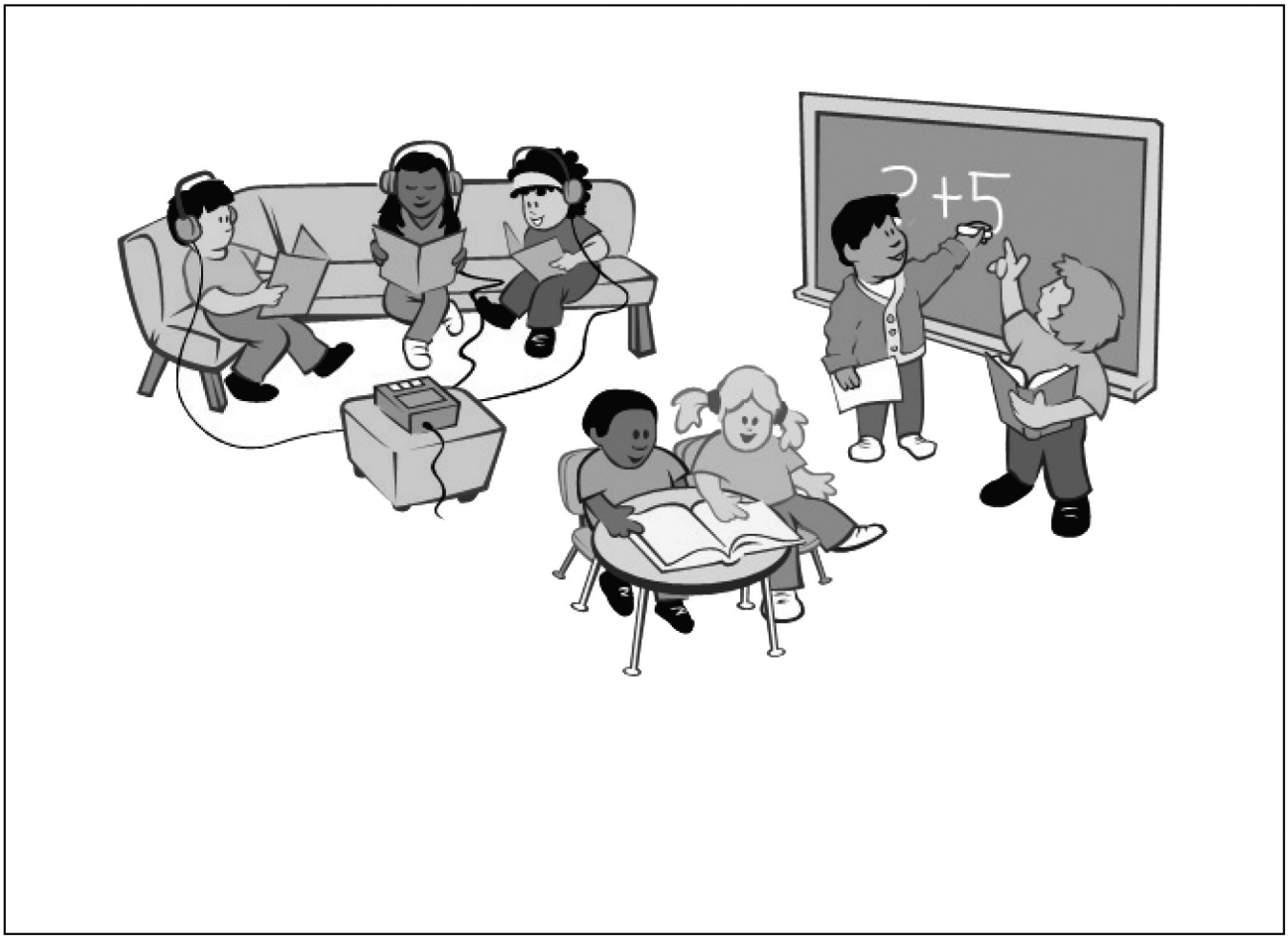
Color in two dice that make 7 together. Then, fill in the number bond and number sentences to match the dice you colored.








7 children picture card

## Read

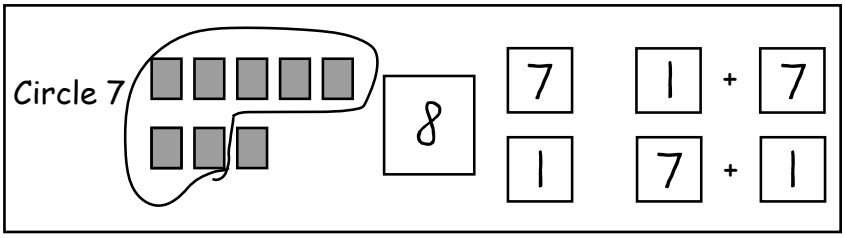
Tom has 4 red cars and 3 green cars. Dave has 5 red cars and 2 green cars. Dave thinks he has more cars than Tom has. Is Dave right? Draw a picture to show how you know. Write a number bond to show each of the boys' sets of cars.

## Draw

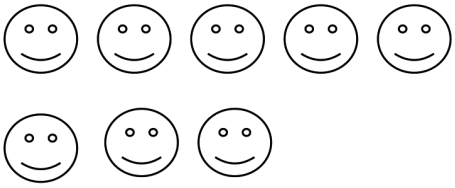
# Write

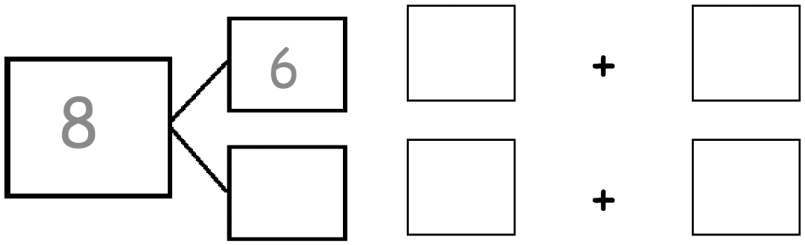
Name _____ Date _____

Circle the part. Count on to show 8 with the picture and number bond. Write the expressions.

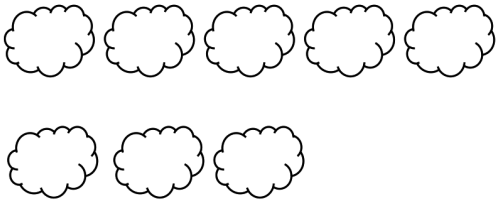


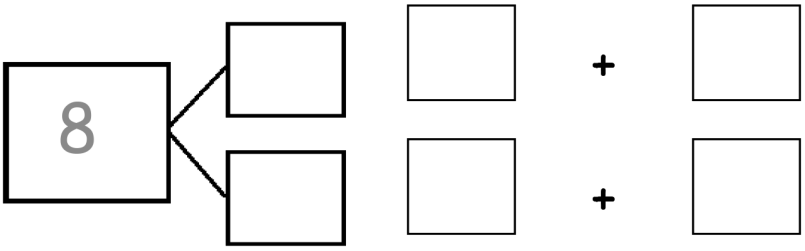

1. Circle 6. How many more does 6 need to make 8?



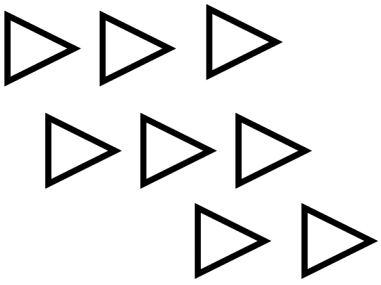


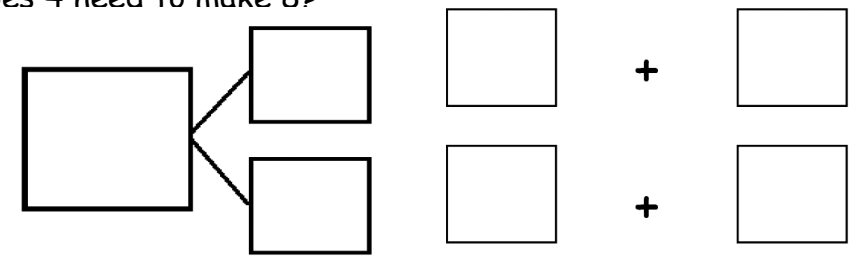

2. Circle 5. How many more does 5 need to make 8?



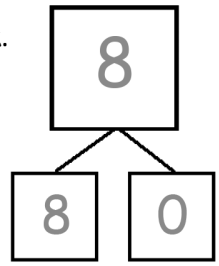


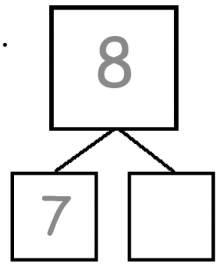

3. Circle 4. How many more does 4 need to make 8?

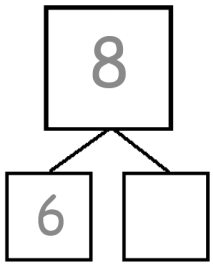


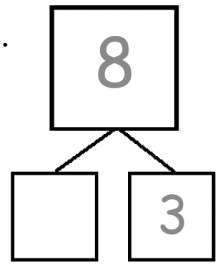


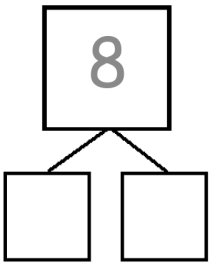
4. These number bonds are in an order starting with the biggest part first. Write to show which number bonds are missing.

a. 

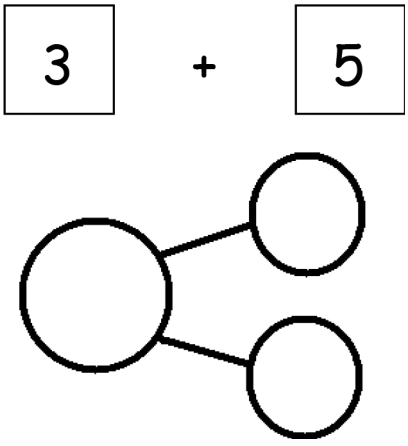

b. 


c. 

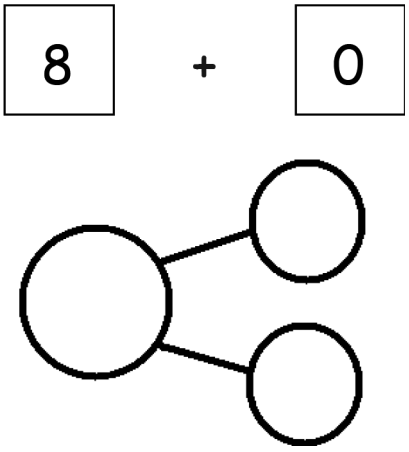

d. 


e. 


5. Use the expression to write a number bond and draw a picture that makes 8.



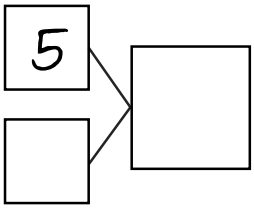

6. Use the expression to write a number bond and draw a picture that makes 8.



Name _____ Date _____

Fill in the missing part of the number bond, and count on to find the total. Then, write 2 addition sentences for each number bond.

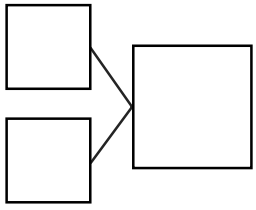
1.




_____ + _____ = _____

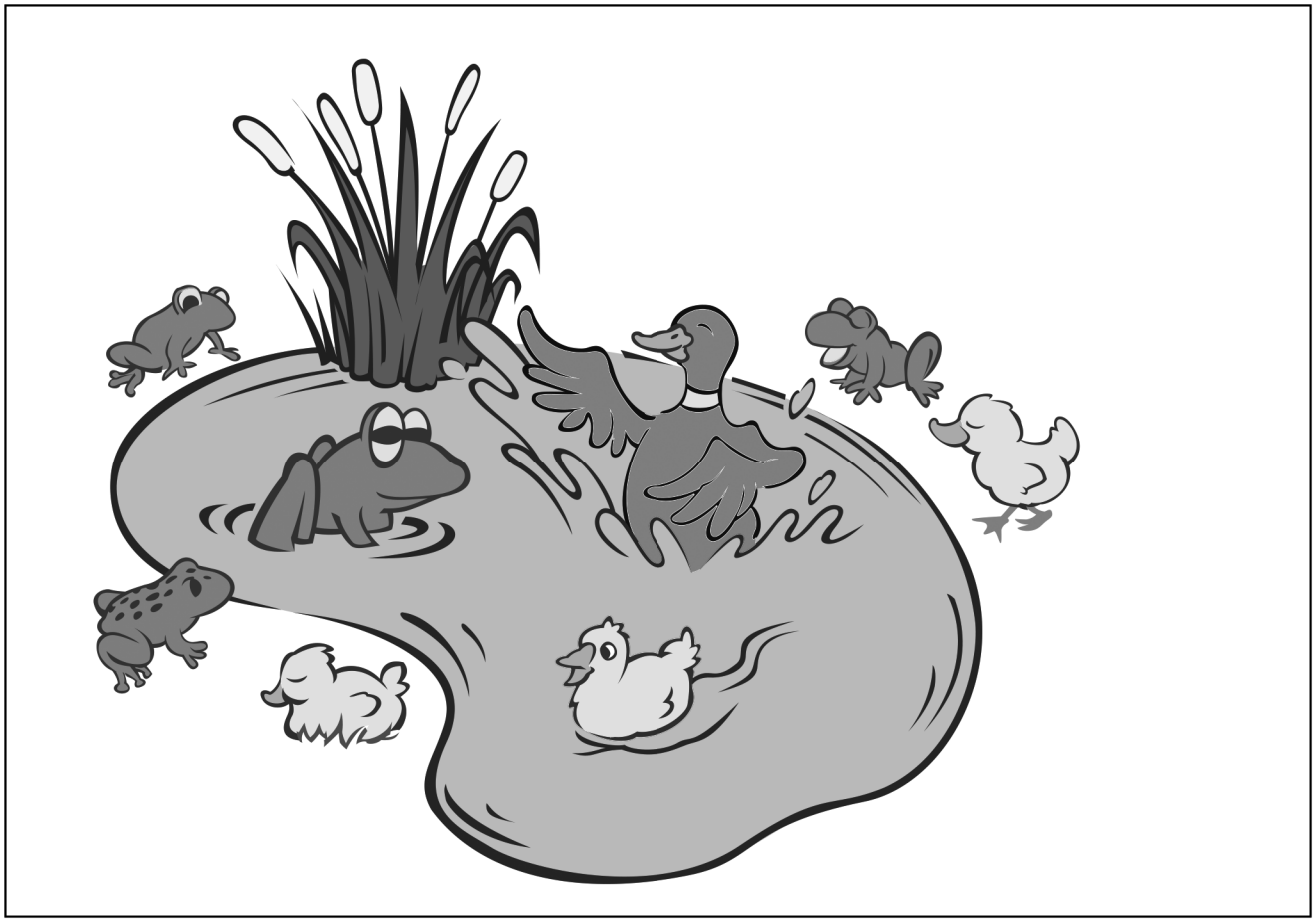
_____ + _____ = _____

2.

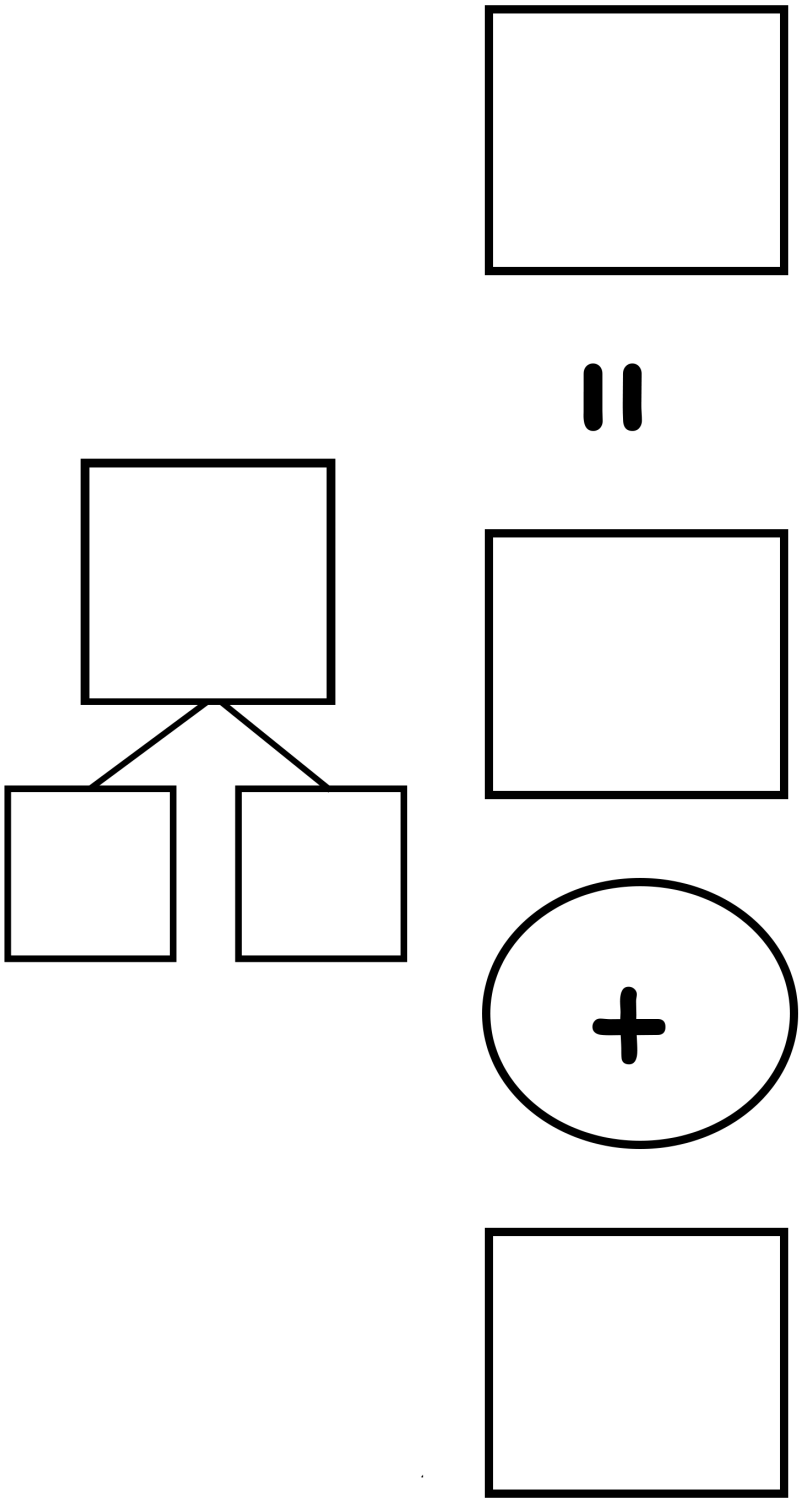


_____ = _____ + _____

_____ = _____ + _____



8 animals picture card

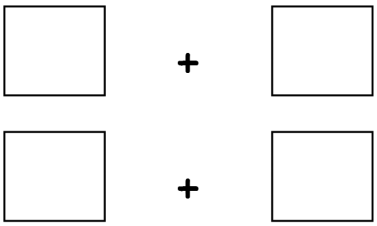


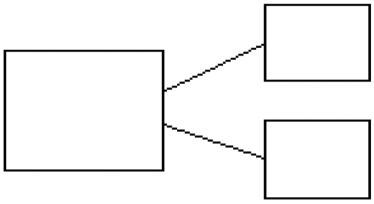
blank number sentence and number bond

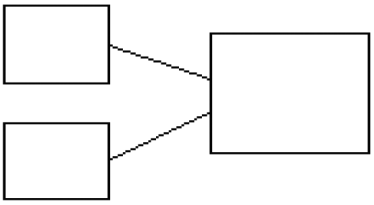
Name _____ Date _____

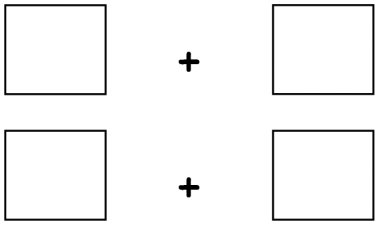
# Ways to Make 8

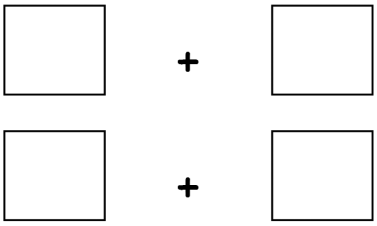
Use your 5-group cards to help you write the expressions and number bonds to show all of the different ways to make 8.

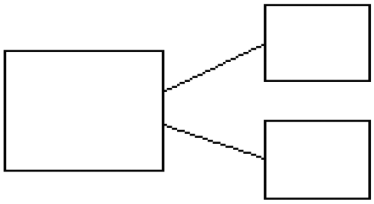


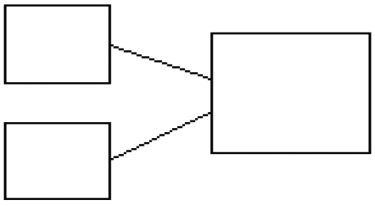


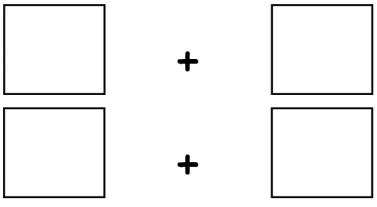


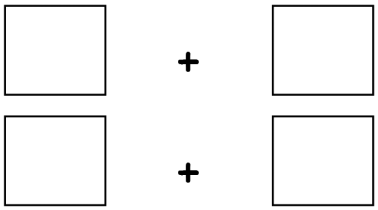


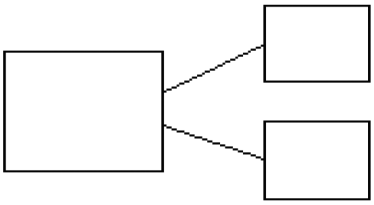












_____

ways to make 8

## Read

Jenny has 8 flowers in a vase. The flowers come in two different colors. Draw a picture to show what the vase of flowers might look like. Write a number sentence and a number bond to match your picture.

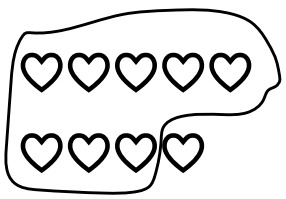
## Draw

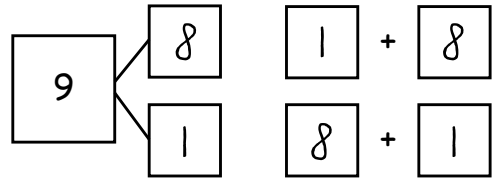
# Write

Name _____ Date _____

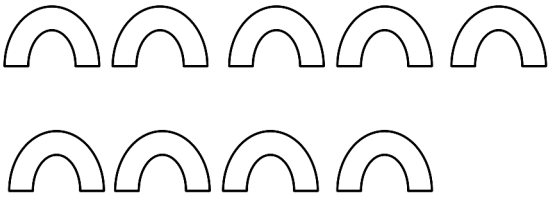
Circle the part. Count on to show 9 with the picture and number bond. Write the expressions.

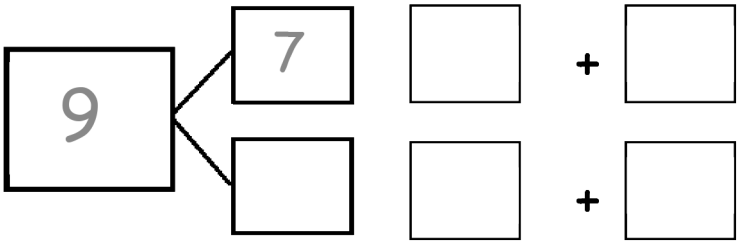
Circle 8.



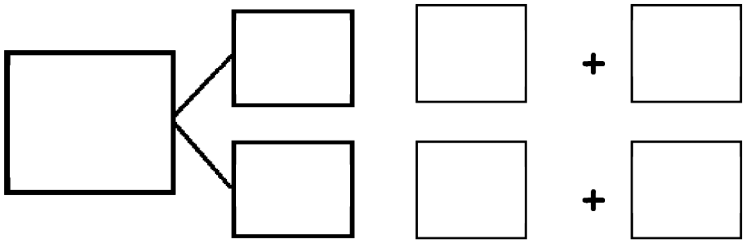



1. Circle 7. How many more does 7 need to make 9?

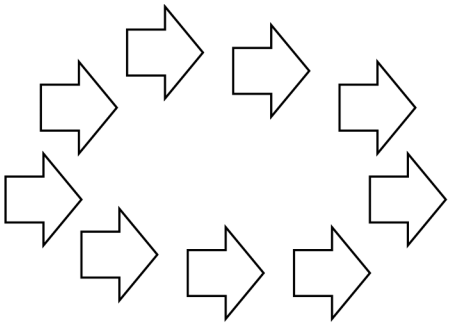


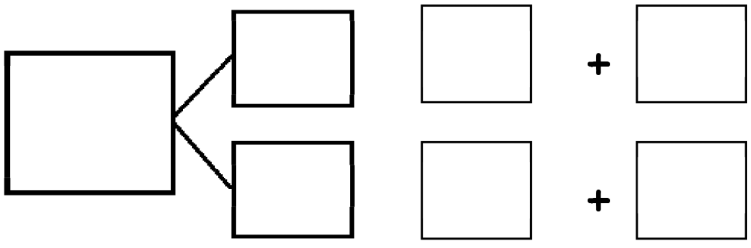



2. Circle 4. How many more does 4 need to make 9?

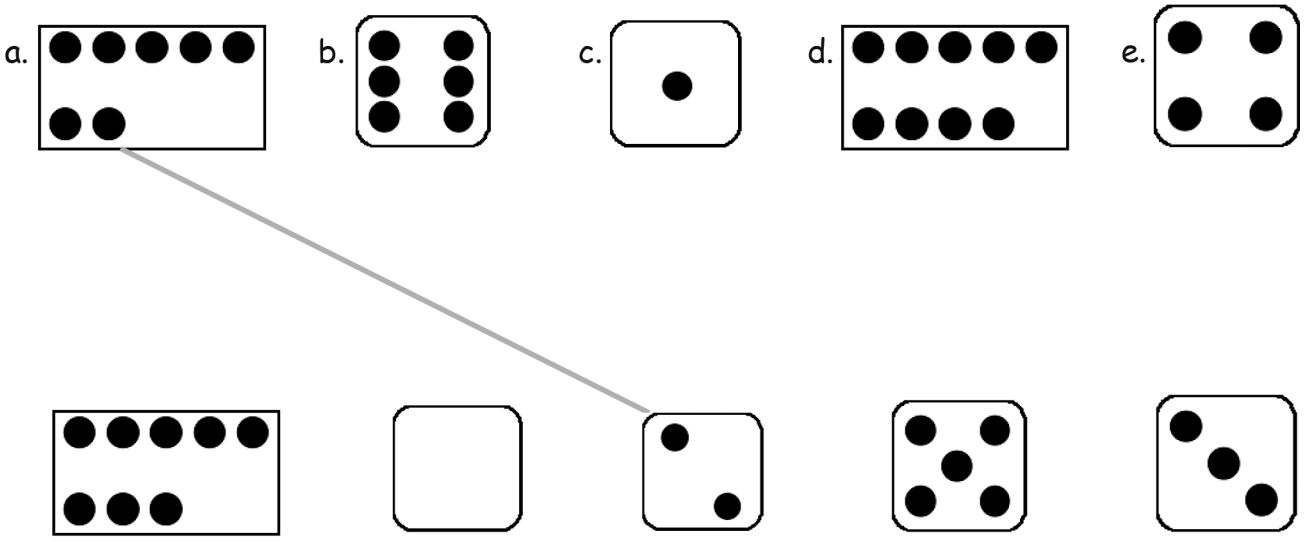



3. Circle 3. How many more does 3 need to make 9?



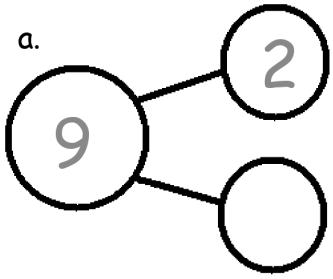


4. Draw a line to show partners of 9.

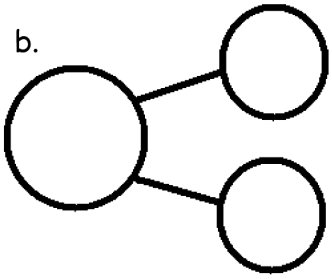



5. Write a number bond for each partner of 9. Use the partners above for help.

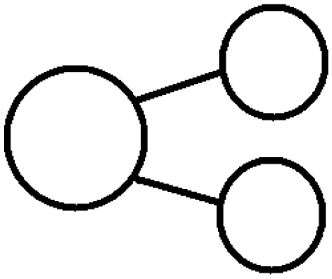
a.



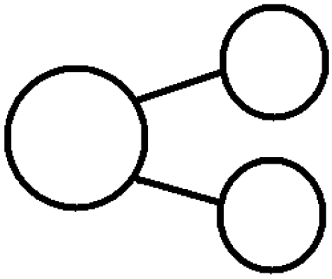

b.



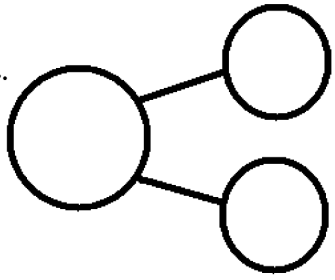
c.



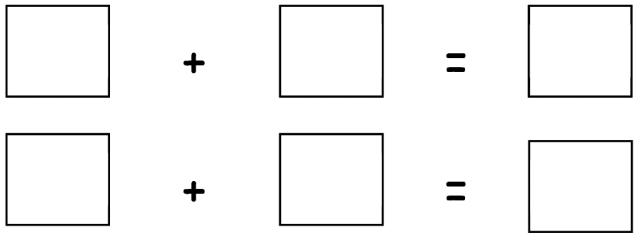
d.



e.

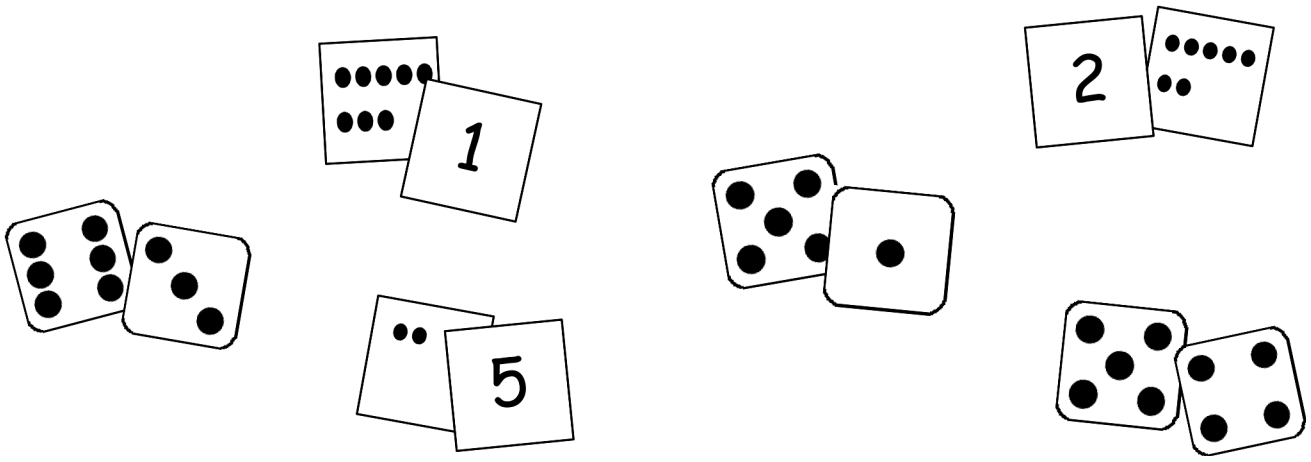


Write number sentences to match this number bond!



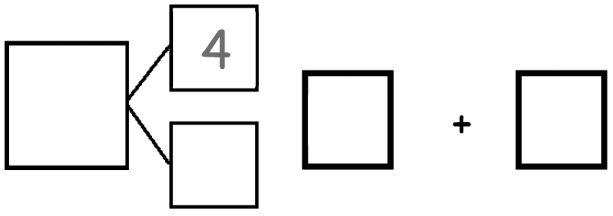
Name _____ Date _____

1. Circle the pairs of numbers that make 9.

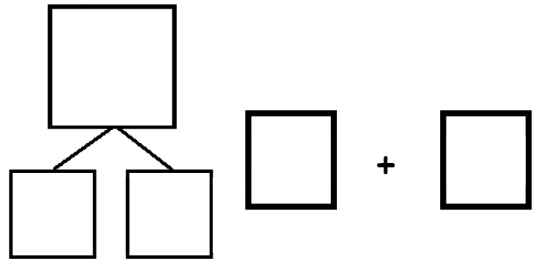


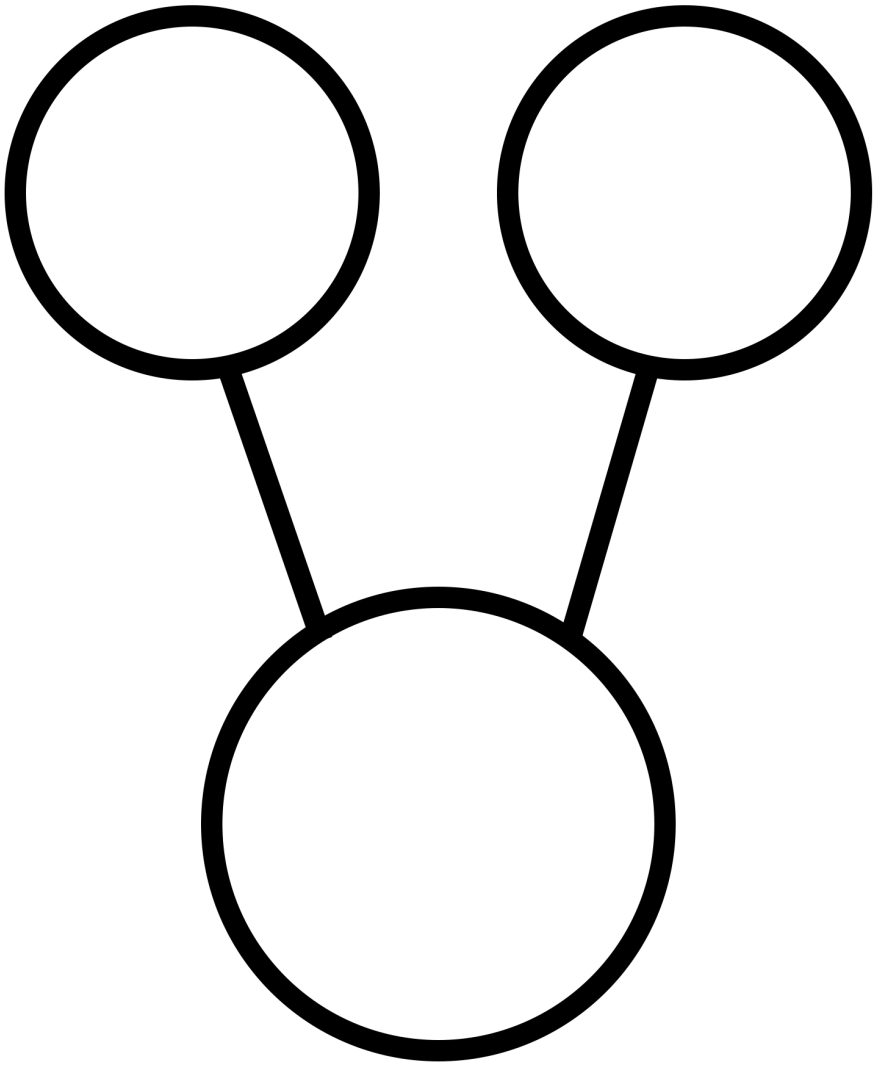

2. Complete the number bonds to show 2 different ways to make 9.

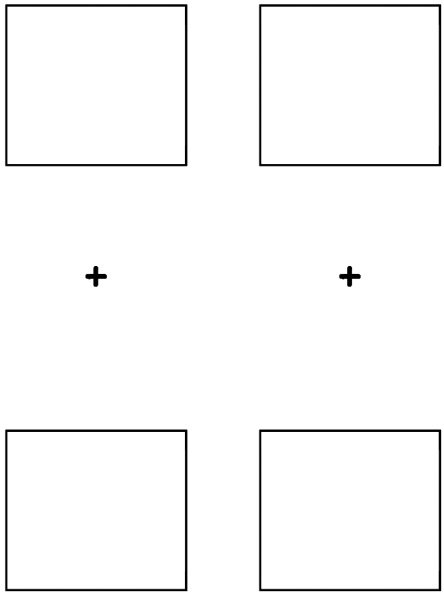
a.




b.







number bond and expression

## Read

Rayden received 9 stickers at school. He received 5 stickers in the morning. How many stickers did he receive in the afternoon? Draw a picture, a number bond, and a number sentence to show how you know.

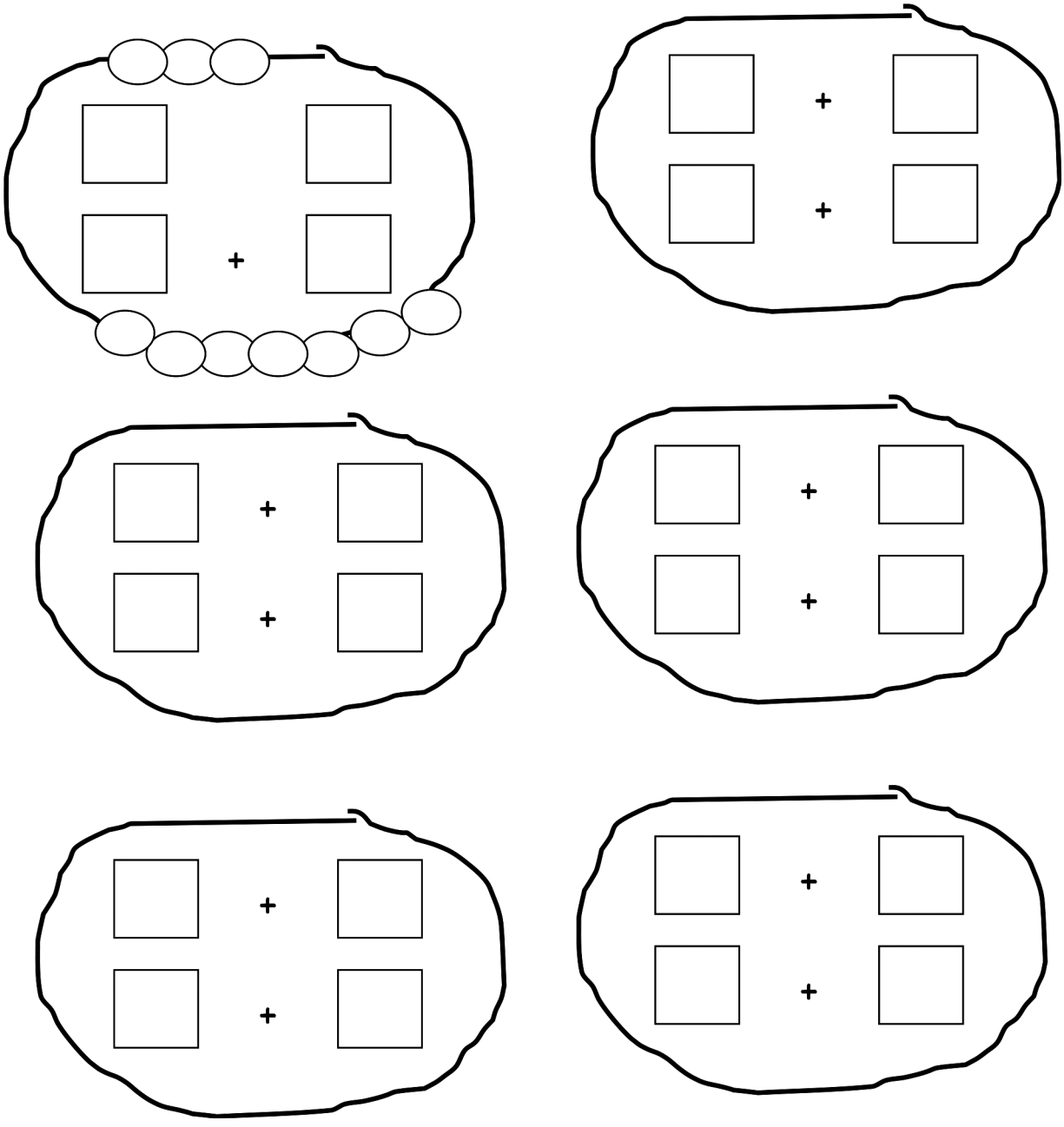
## Draw

# Write

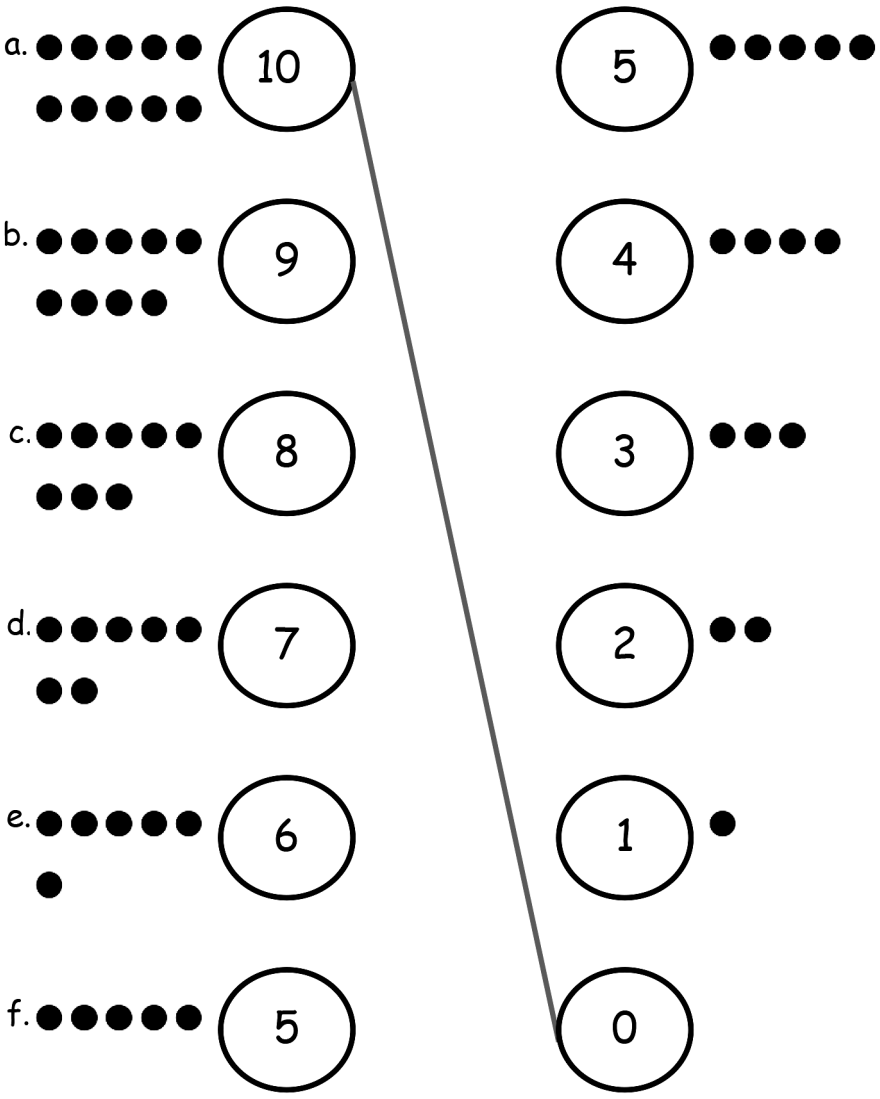
Rayden received stickers in the afternoon.

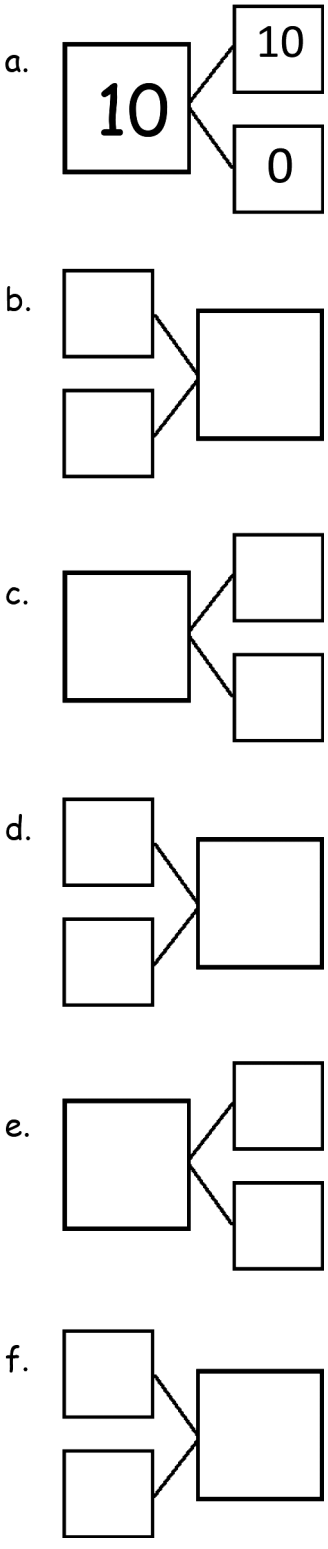
Name _____ Date _____

1. Use your bracelet to show different partners of 10. Then, draw the beads. Write an expression to match.

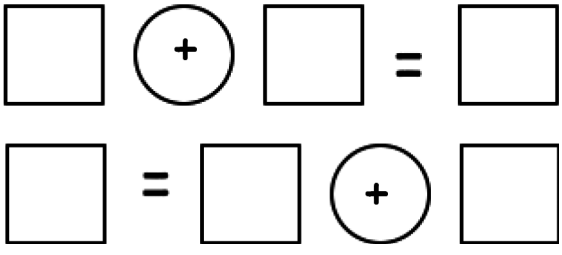


2. Match the partners of 10. Then, write a number bond for each partner.



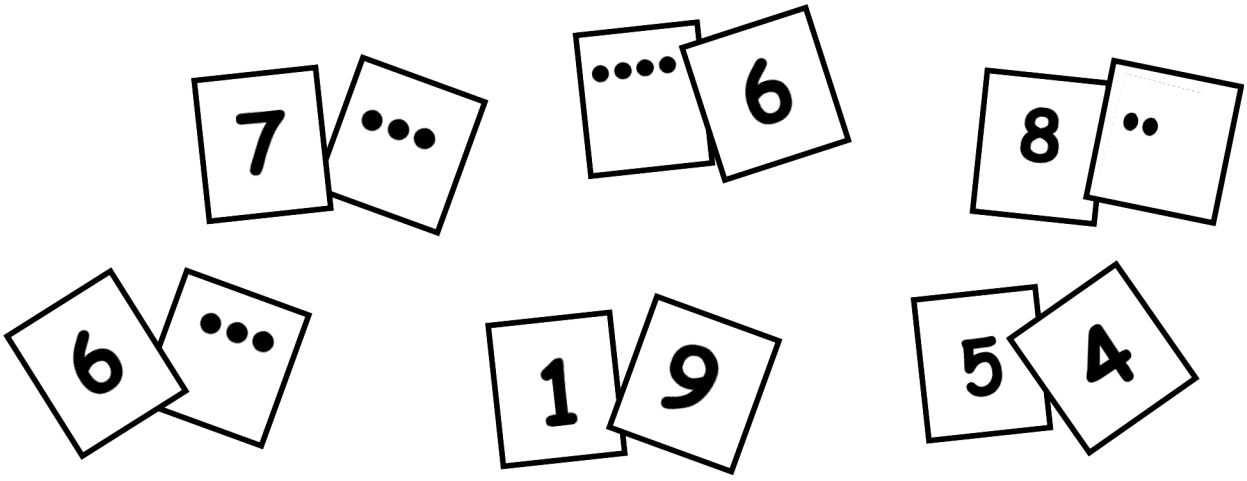




3. Color the number bond that has 2 parts that are the same. Write addition sentences to match that number bond.



Name _____ Date _____

Use your bracelet to show partners to 10. Then, color the partners that make 10.



## Read

Kira was making a number bracelet with a total of 10 beads on it. She has put on 3 red beads so far. How many more beads does she need to add to the bracelet?

Explain your thinking in a picture and number sentence.

**Extension:** If Kira wants to use 5 red beads and 5 yellow beads for her bracelet, how many red beads and how many yellow beads does she need to add?

## Draw

## Write

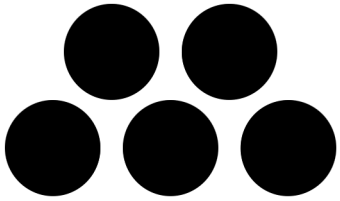
Kira needs more beads.

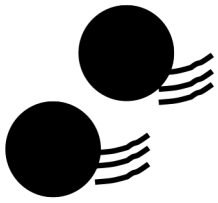


**Lesson 9:** Solve *add to with result unknown* and *join with result unknown* math stories by drawing, writing equations, and making statements of the solution.

Name _____ Date _____

1.

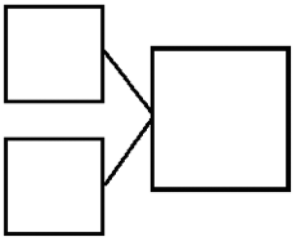




☐ + ☐ = ☐

_____ balls are here. _____ more roll over. Now, there are _____ balls.

Make a number bond to match the story.



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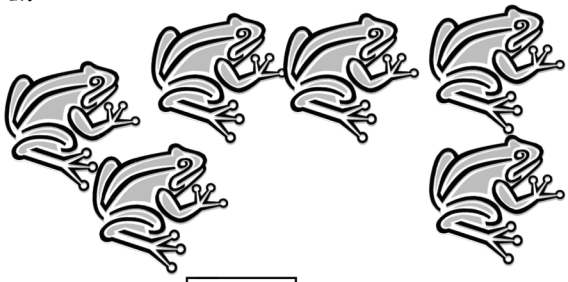
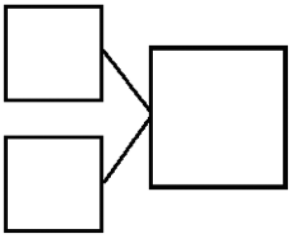
2.



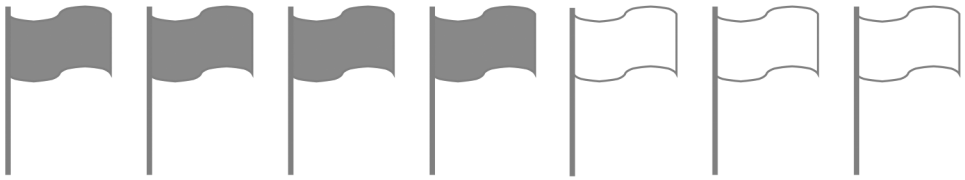
☐ + ☐ = ☐

_____ frogs are here. _____ more hops over. Now, there are _____ frogs.

Make a number bond to match the story.



3.

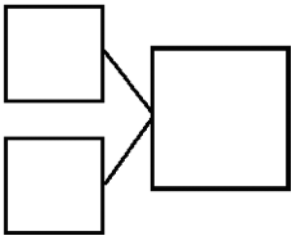


☐ + ☐ = ☐

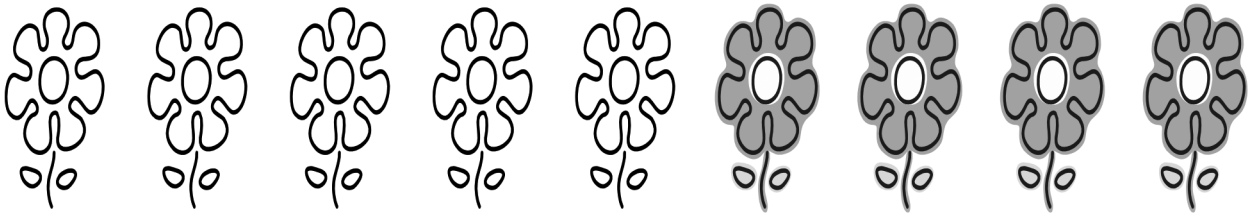
There are _____ dark flags. There are ___ white flags.

Altogether, there are _____ flags.

Make a number bond to match the story.



4.

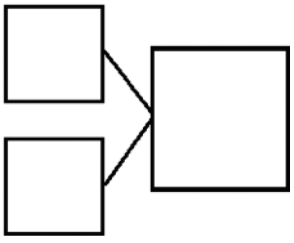


☐ + ☐ = ☐

There are _____ white flowers. There are ___ dark flowers.

Altogether, there are _____ flowers.

Make a number bond to match the story.

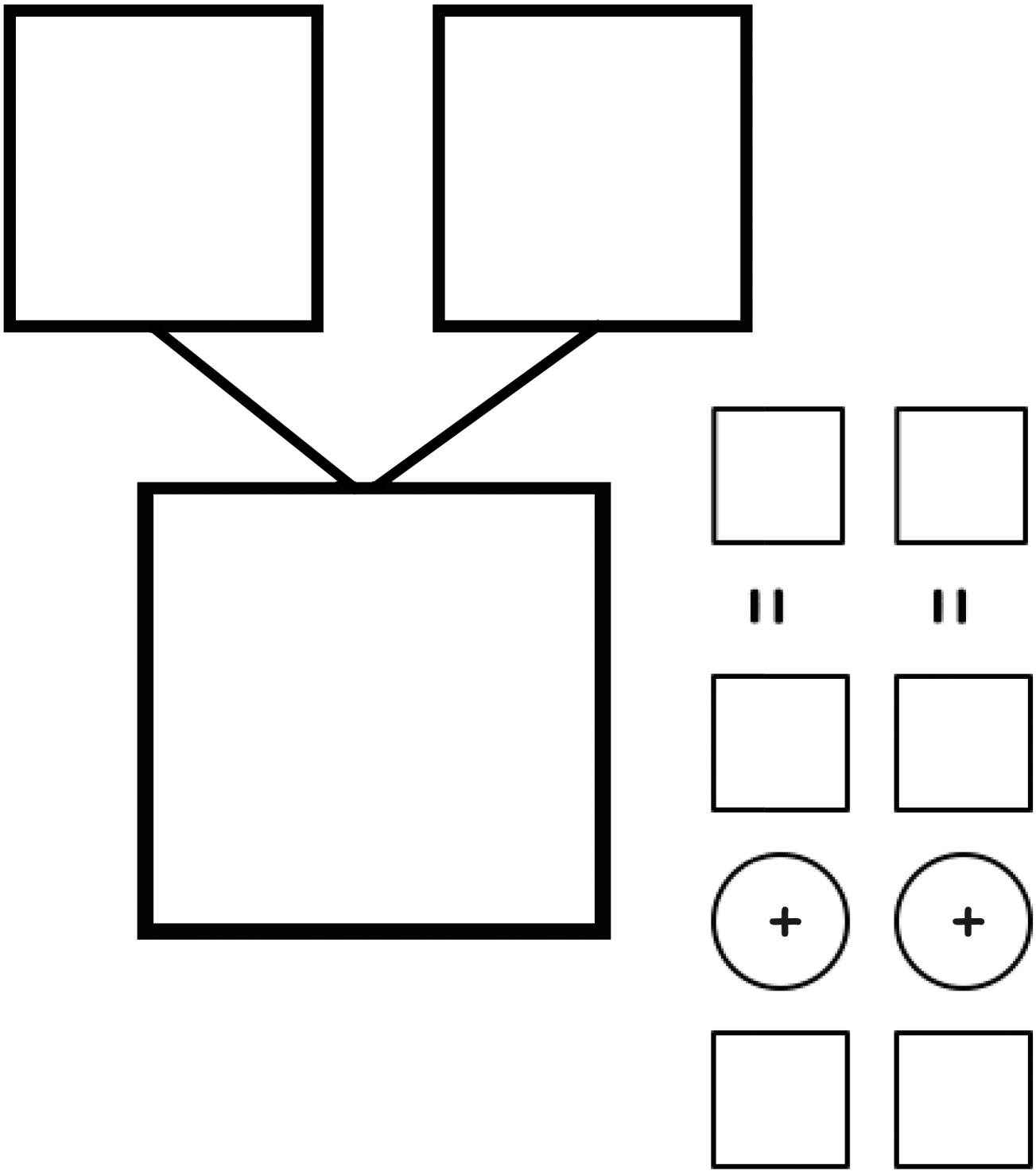


Name _____ Date _____

Draw a picture and write a number sentence to match the story.

Ben has 3 red balls and gets 5 green balls. How many balls does he have now?

Ben has _____ balls.



## Read

The class is collecting canned food to help those in need. The teacher brings in 3 cans to start the collection. On Monday, Becky brings in 2 cans. On Tuesday, Talia brings in 2 cans. On Wednesday, Brendan brings in 2 cans. How many cans were there at the end of each day? Draw a picture to show your thinking. What do you notice about what happened each day?

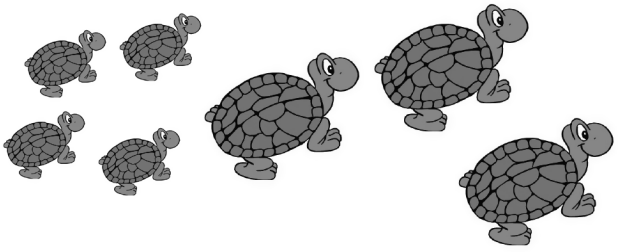
**Extension:** If this pattern continues, how many cans will the class have on Friday?

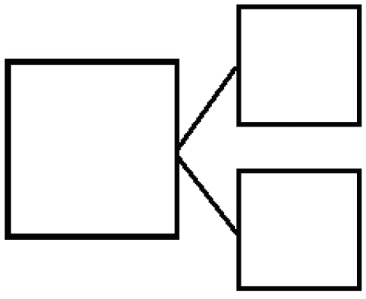
## Draw

## Write

Name _____ Date _____

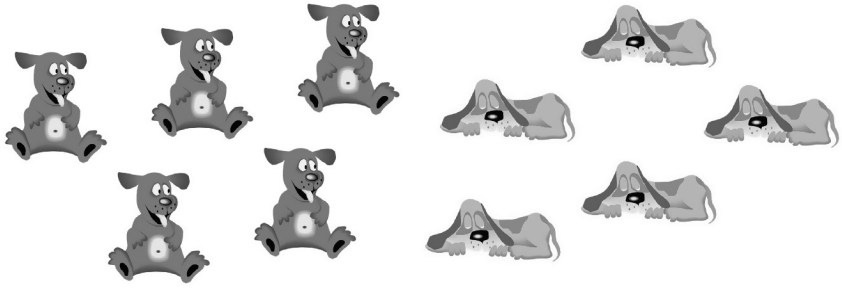
1.

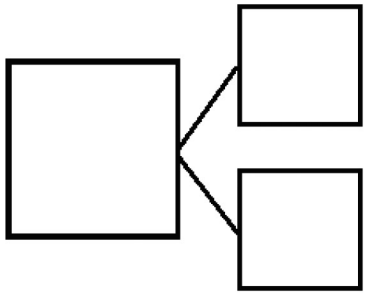




_____ little turtles + _____ big turtles = _____ turtles

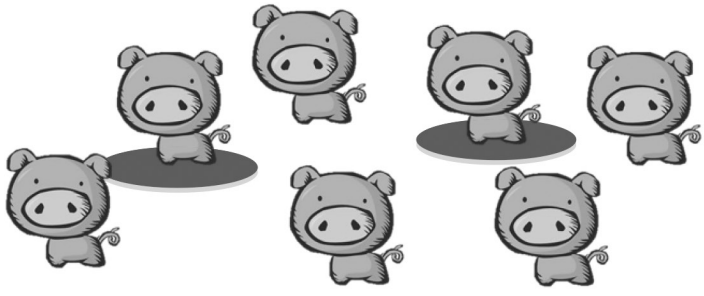
2.

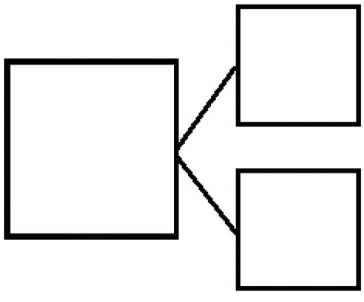




_____ dogs that are awake + _____ sleeping dogs = _____ dogs

3.

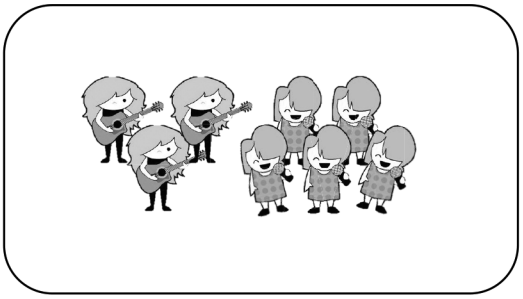


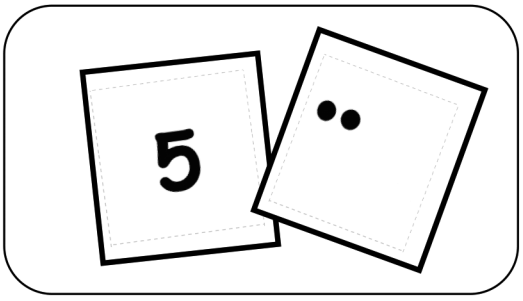


_____ pigs not in the mud + _____ pigs in mud = _____ pigs

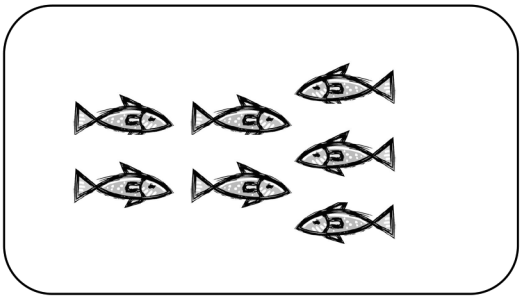
1. Draw a line from the picture to the matching 5-group cards.

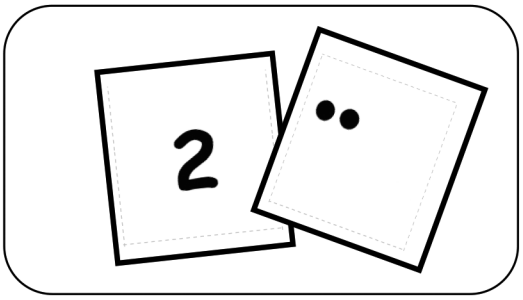
a.






b.



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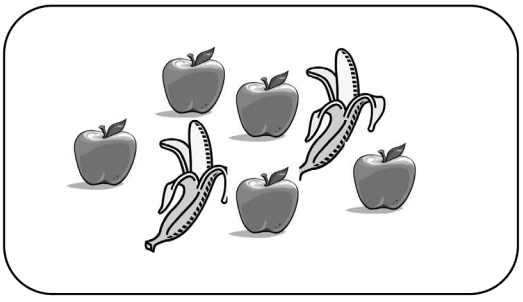
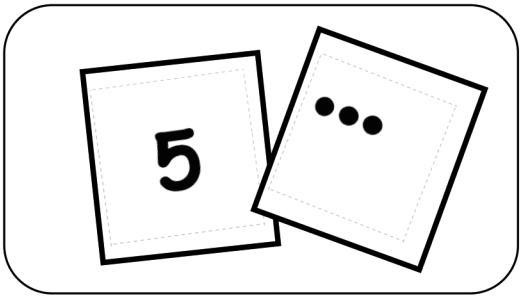
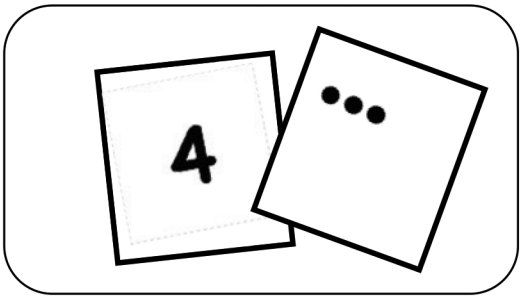





d.



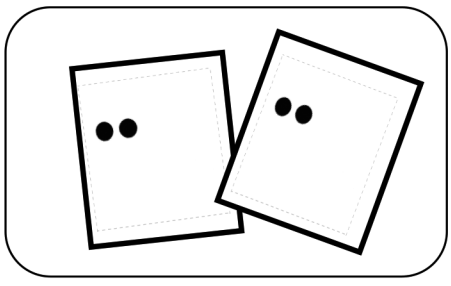
Name _____ Date _____

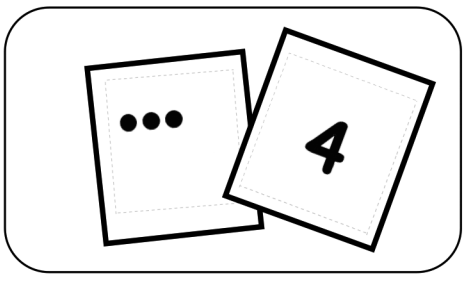
1. Draw to show the story. There are 3 large balls and 4 small balls.

☐ + ☐ = ☐

How many balls are there? There are _____ balls.

2. Circle the set of tiles that match your picture.





## Read

There are 8 students in the after-school cooking club. How many students with short hair and how many students with long hair might be in the club? Draw a picture and write a number sentence to explain your thinking.

**Extension:** How many other combinations of students with short hair and students with long hair could be made? Write a number bond for each combination you can think of.

## Draw

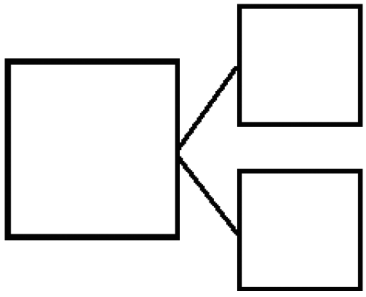
# Write

Name _____ Date _____

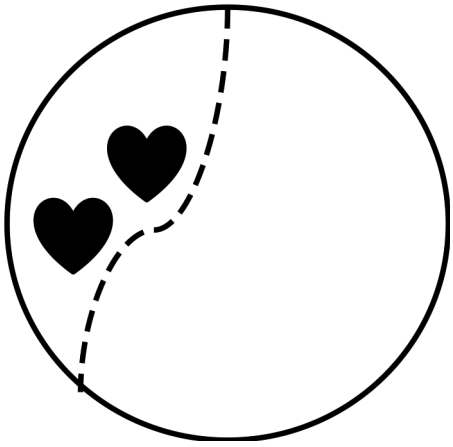
1. Jill was given a total of 5 flowers for her birthday. Draw more flowers in the vase to show Jill's birthday flowers.

How many flowers did you have to draw? ___ flowers

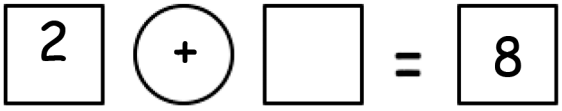
Write a number sentence and a number bond to match the story.

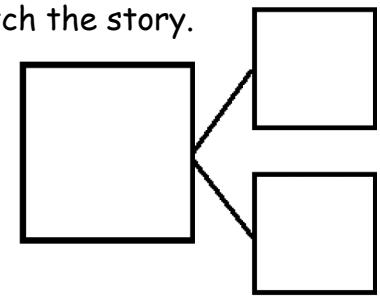


2. Kate and Nana were baking cookies. They made 2 heart cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and count on to show the story.



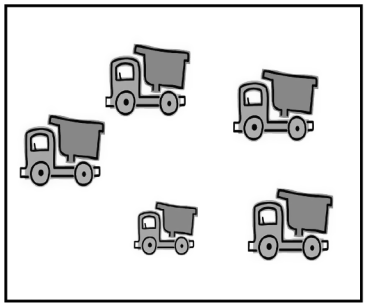
Write a number sentence and a number bond to match the story.

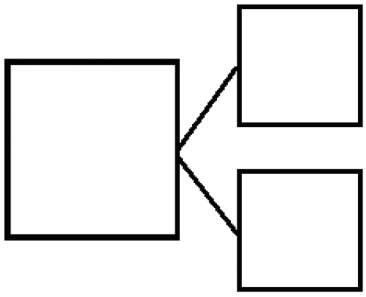


Show the parts. Write a number bond to match the story.

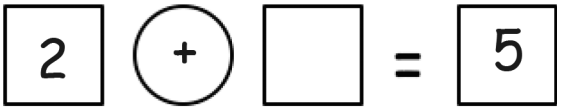
3. Bill has 2 trucks. His friend, James, came over with some more. Together, they had 5 trucks. How many trucks did James bring over?



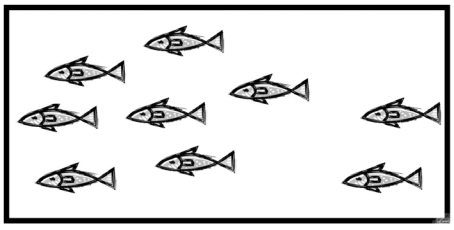


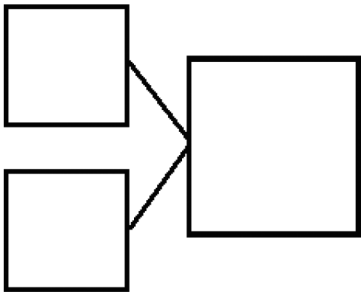
James brought over _____ trucks.

Write a number sentence to explain the story.



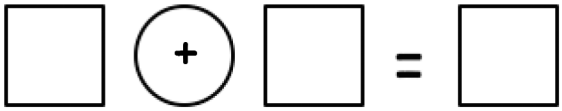

4. Jane caught 7 fish before she stopped to eat lunch. After lunch, she caught some more. At the end of the day, she had 9 fish. How many fish did she catch after lunch?





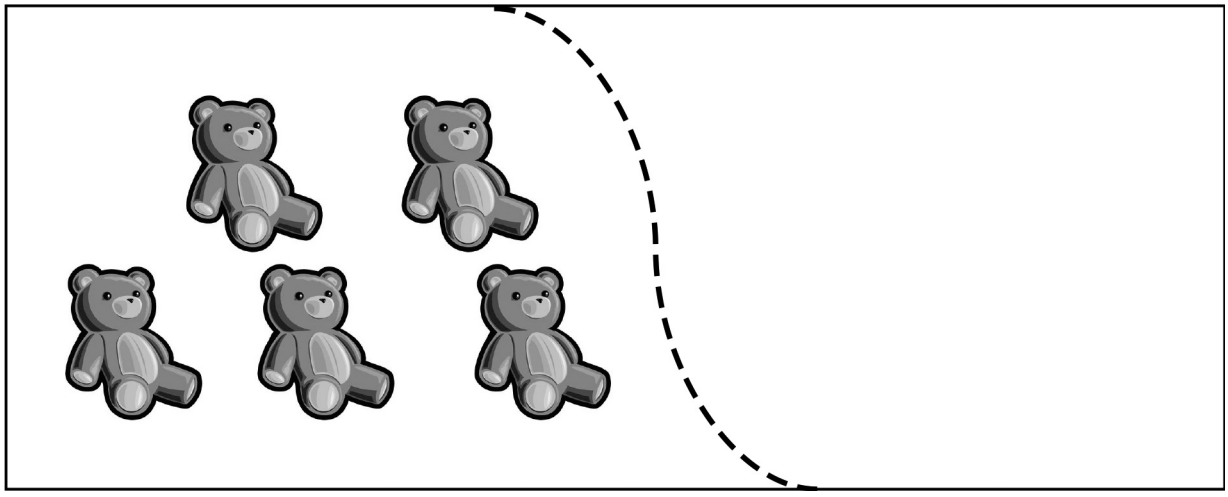
Jane caught _____ fish after lunch.

Write a number sentence to explain the story.



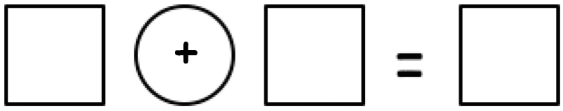
Name _____ Date _____

Draw more bears to show that Jen has 8 bears total.



I added _____ more bears.

Write a number sentence to show how many bears you drew.



## Read

Tanya has 7 books on her shelf. She borrowed some books from the library, and now there are 9 books on her shelf. How many books did she get at the library?

Explain your thinking in pictures, words, or with a number sentence. Draw a box around the mystery number in your number sentence.

## Draw

# Write

Tanya got books at the library.

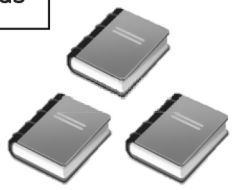
Name _____ Date _____

Use your

5-group cards

Fill in the missing numbers.

1.

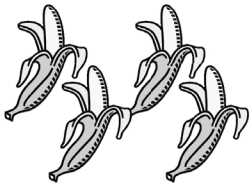


3 + ____ = 5

2.

5 + ____ = 9

3.



4 + ____ = 10

4. Kate and Bob had 6 balls at the park. Kate had 2 of the balls.

How many balls did Bob have?

_____ balls = _____ balls + _____ balls

Bob had _____ balls at the park.

---

5. I had 3 apples. My mom gave me some more. Then, I had 10 apples.

How many apples did my mom give me?

_____ apples + _____ apples = _____ apples

Mom gave me _____ apples.

Name _____ Date _____

Draw a picture, and count on to solve the math story.

Bob caught 5 fish. John caught some more fish. They had 7 fish in all. How many fish did John catch?

Write a number sentence to match your picture.

☐ + ☐ = ☐

John caught _____ fish.

## Read

Sammi had 6 bunnies. One of them had babies. Now, she has 10 bunnies.

How many babies were born?

Draw a picture to show how you know. Write a number bond and a number sentence to match your picture.

## Draw

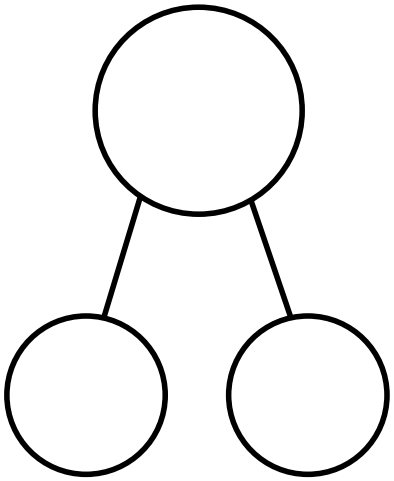
# Write

There were baby bunnies born.

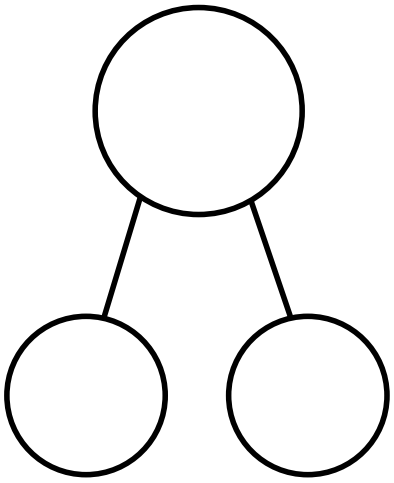
Name _____ Date _____

With a partner, create a story for each of the number sentences below. Draw a picture to show. Write the number bond to match the story.

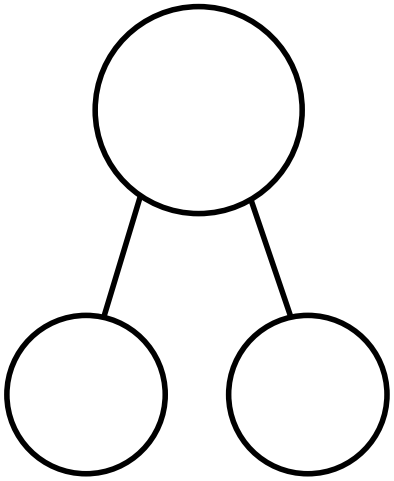
1. 6 + 2 = ☐



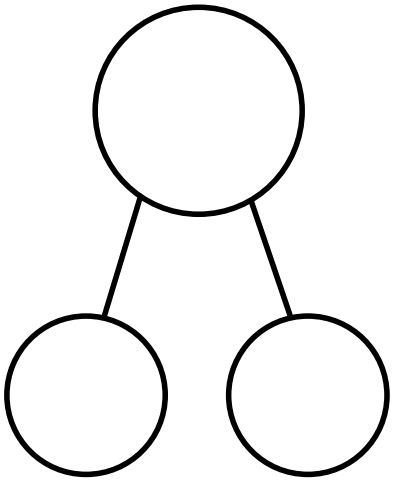
2. 5 + 5 = ☐



3. $5 + \square = 7$



2. $6 + \square = 10$



Name _____ Date _____

Tell a math story for each number sentence by drawing a picture.

1. 5 + 1 = 6

2. 3 + ☐ = 8

## Read

Beth went apple picking. She picked 7 apples and put them in her basket. Two more apples fell out of the tree right into her basket! How many apples does she have in her basket now?

Draw a math picture and write a number bond and number sentence to match the story.

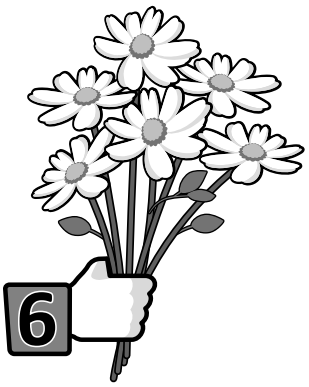
## Draw

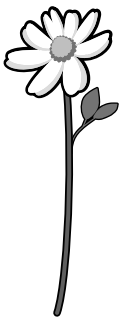
## Write

Beth has apples in her basket.

Name _____ Date _____

1. Count on to add.



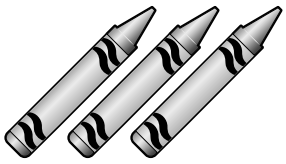



There are ____ flowers altogether.

2

There are ____ oranges in all.

3.



There is a total of ____ crayons.

4. Use your 5-group cards to count on to add. Try to use as few dot cards as you can.

a. 6 + 1 = ☐

b. 6 + 3 = ☐

c. 7 + 2 = ☐

d. ☐ = 5 + 3

5. Use your 5-group cards, your fingers, or your known facts to count on to add.

a. 8 + 2 = ☐

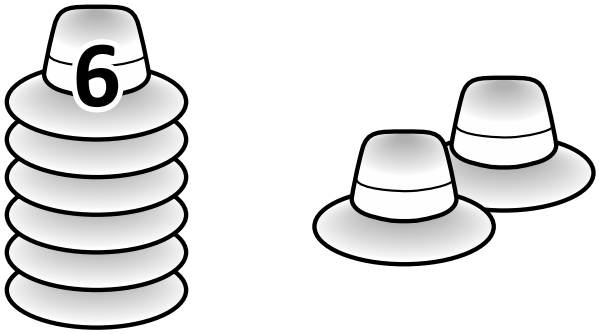
b. ☐ = 4 + 1

c. 4 + 3 = ☐

d. ☐ = 6 + 3

Name _____ Date _____

1.




I counted _____ hats in all.

---

2. Count on to solve the number sentences.

a. $7 + 3 = \square$

b. $8 + 2 = \square$

## Read

Joshua and Rebecca were eating raisins. Joshua had 7 raisins and took 2 more from the box. Rebecca had 9 raisins and took 2 more from the box. Who had a greater number of raisins, Joshua or Rebecca?

Draw math drawings and write number bonds or number sentences to show how you know.

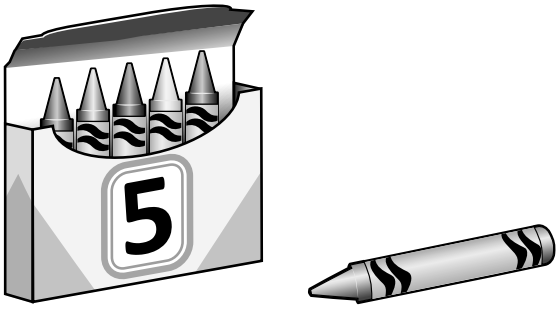
## Draw

# Write

Name _____ Date _____

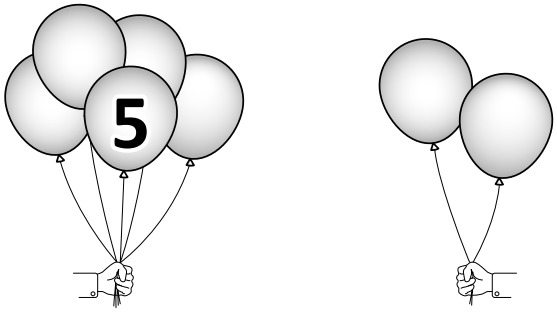
1. Count on to add.

a.



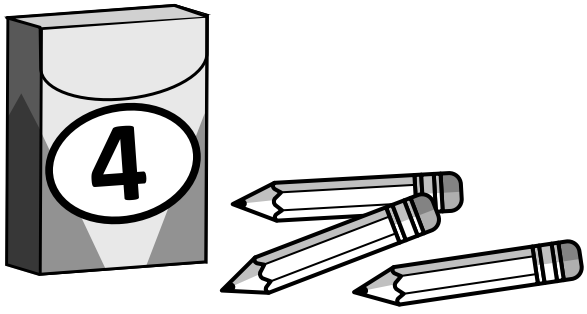

☐ = ☐ + ☐ There are ____ crayons altogether.

b.



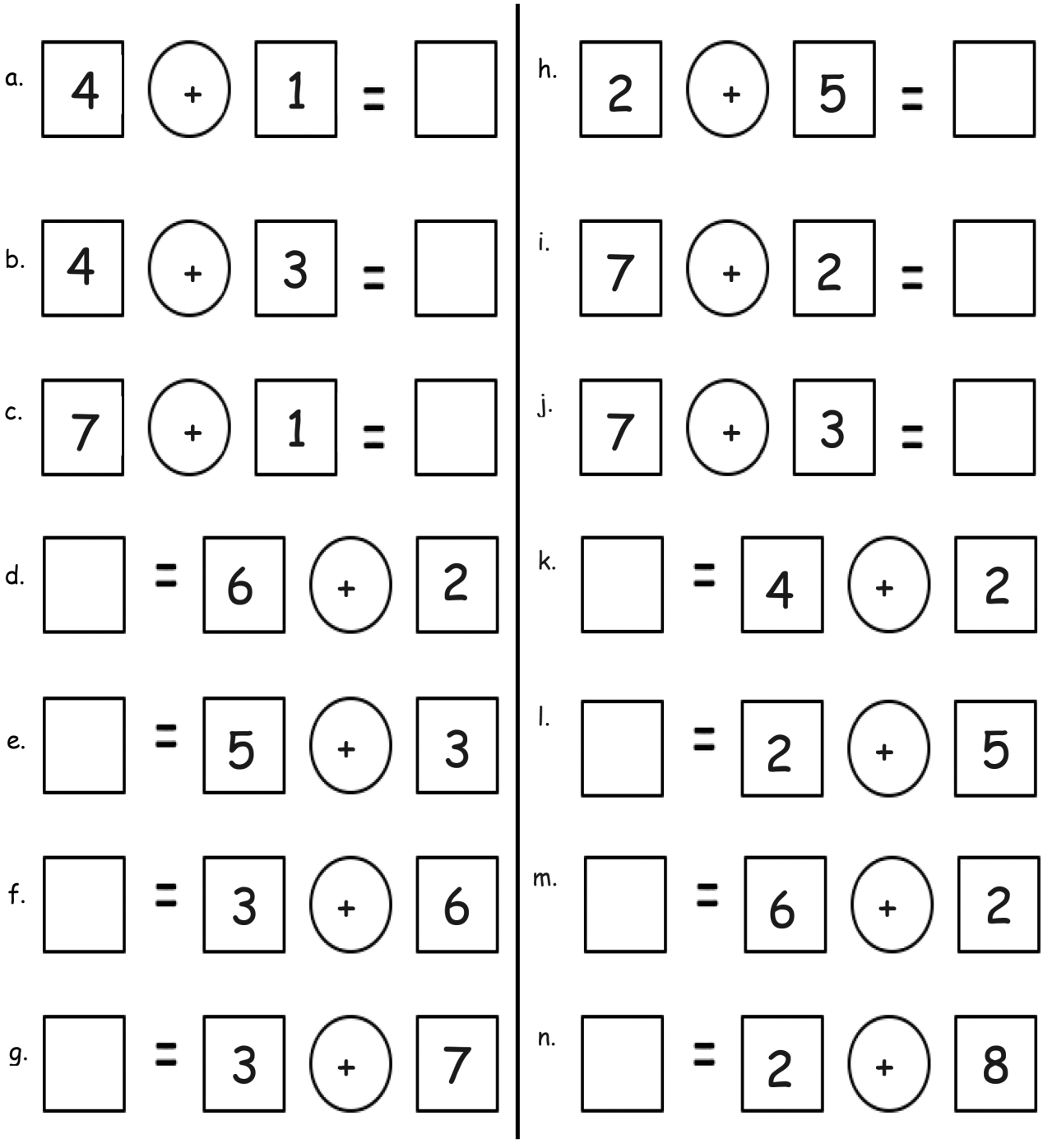

☐ = ☐ + ☐ There are a total of ____ balloons.

c.



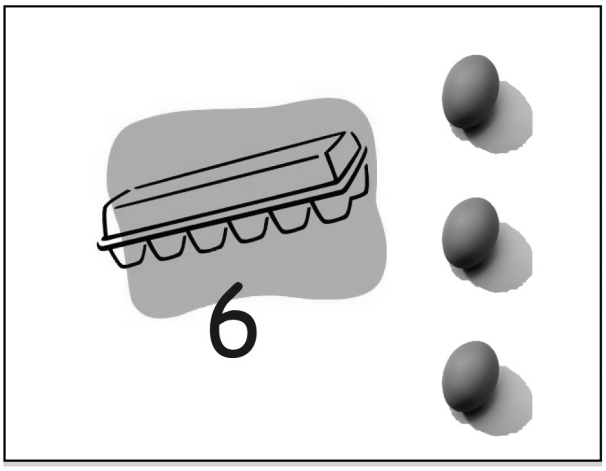

☐ = ☐ + ☐ In all, there are ____ pencils.

2. What efficient strategy can you find to add?



Name _____ Date _____

Use the picture to add.




Show the strategy you used to add.

☐ + ☐ = ☐

There are _____ eggs total.

## Read

There were 10 bowling pins standing. Finn knocked over some bowling pins, and 7 were still standing. How many did he knock over?

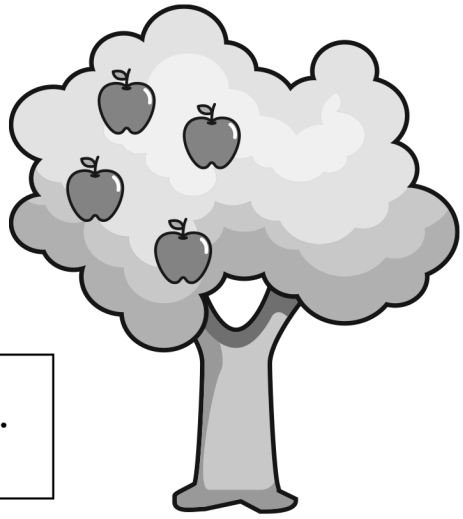
Use a simple math drawing to show what you did to solve. Write a number sentence with a box to show the mystery or unknown number.

## Draw

# Write

Name _____ Date _____

1. Draw more apples to solve 4 + ? = 6.



4 + ☐ = 6

I added ____ apples to the tree.

2. How many more to make 7?

5 + ☐ = 7

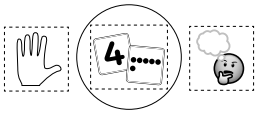
3. How many more to make 8?

6 + ☐ = 8

4. How many more to make 9?

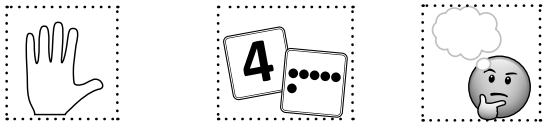
7 + ☐ = 9

3 + | | = 4

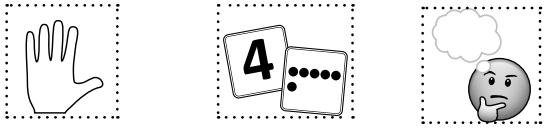


5. Count on to add. Circle the strategy you used to keep track.

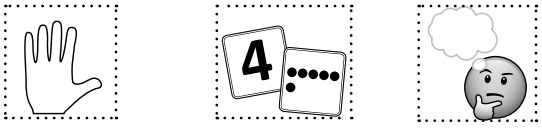
a. 4 + ☐ = 5



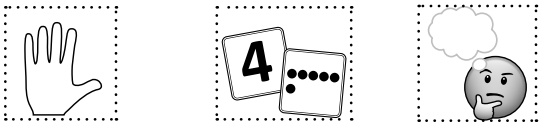
b. 4 + ☐ = 7



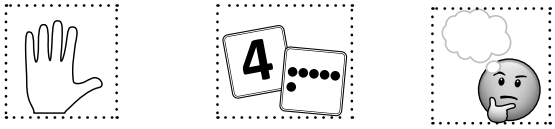
c. 8 = 5 + ☐



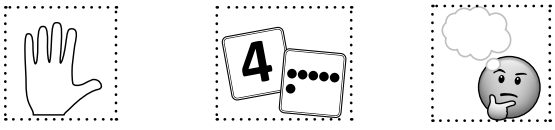
d. 10 = ☐ + 8



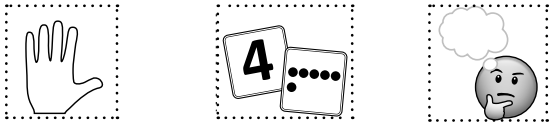
e. 7 + ☐ = 8



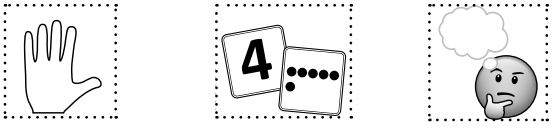
f. ☐ + 5 = 7



g. 8 = 6 + ☐



h. 10 = ☐ + 7



Name _____ Date _____

Solve the number sentences. Circle the tool or strategy you used.

a. $5 + \square = 7$

I counted on using


**Or**

I just knew

---

b. $6 + \square = 9$

I counted on using


**Or**

I just knew

## Read

There are 10 swings on the playground, and 7 students are using the swings. How many swings are empty?

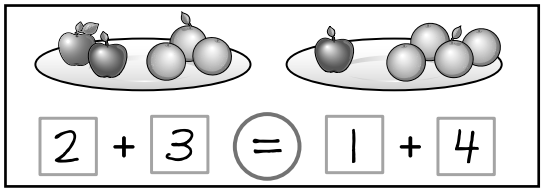
Draw or write a number sentence to show your thinking. Use a sentence at the end to answer today's question: How many swings are empty?

## Draw

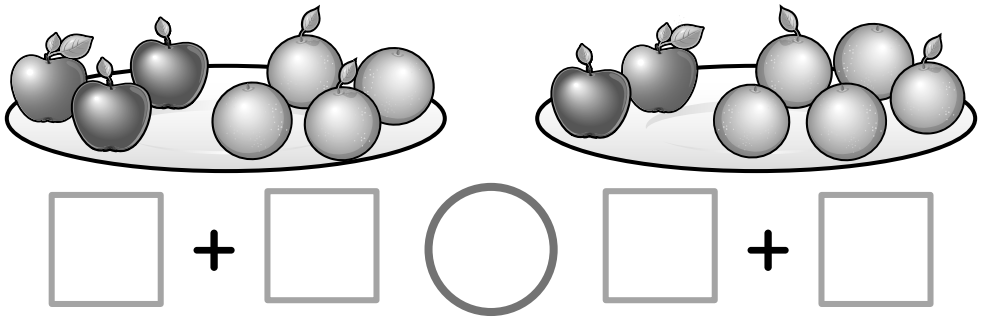
# Write

Name _____ Date _____

Write an expression that matches the groups on each plate. If the plates have the same amount of fruit, write the equal sign between the expressions.




1.



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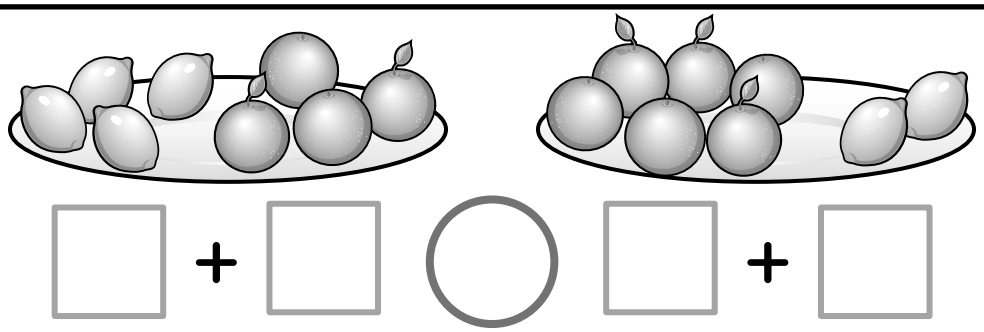
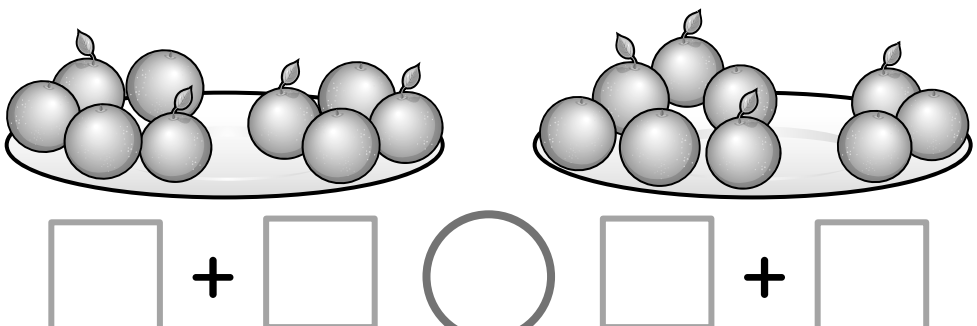
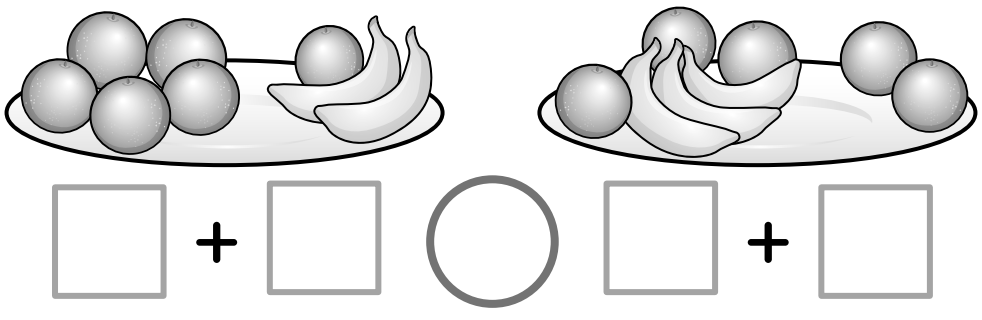
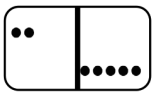


3.



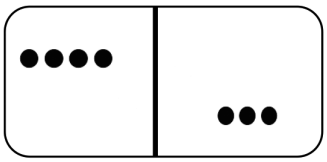
4.

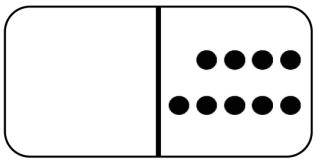


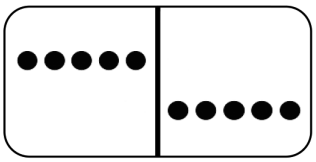


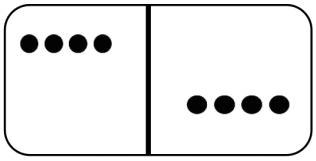
2+5

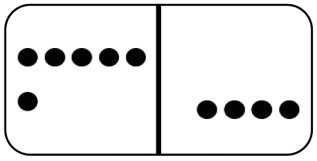
5. Write an expression to match each domino.

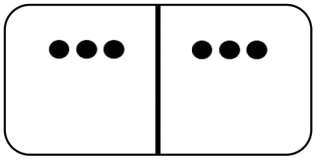
a. 

b. 

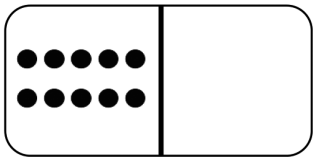
c. 

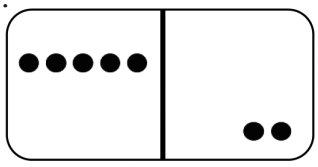
d. 

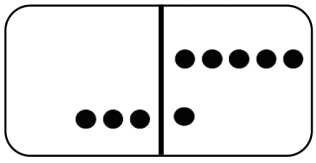
e. 

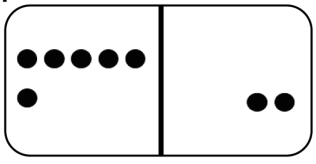
f. 

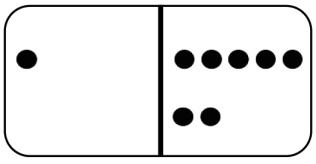
g. Find two sets of expressions from (a)–(f) that are equal. Connect them below with = to make true number sentences.

6. a. 

b. 

c. 

d. 

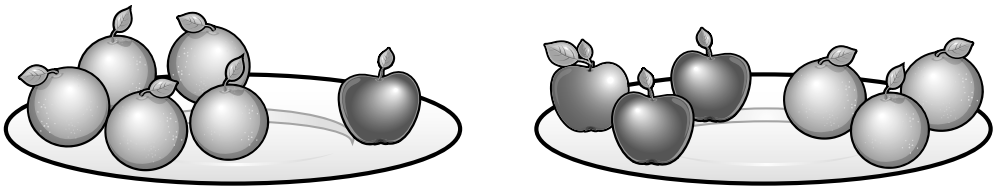
e. 

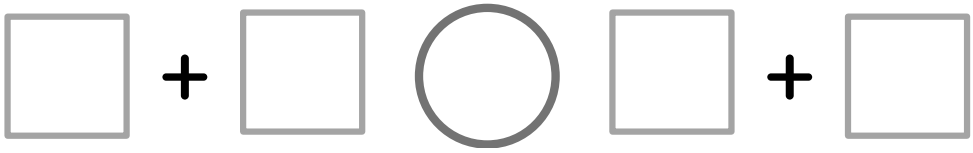
f.

g. Find two sets of expressions from (a)–(f) that are equal. Connect them below with = to make true number sentences.

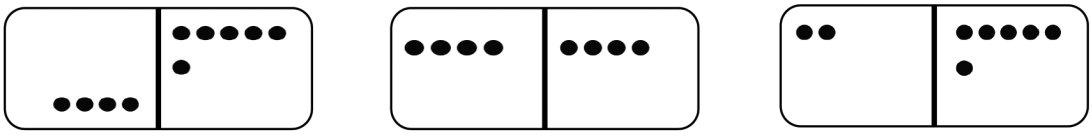
Name _____ Date _____

1. Write an expression that matches the groups on each plate. If the plates have the same amount of fruit, write the equal sign between the expressions.





2. Shade the equal dominoes. Write a true number sentence.



_____ _____

## Read

Dylan has 4 cats and 2 dogs. Laura has 1 dog and 5 fish. Laura says she and Dylan have an equal number of pets. Dylan thinks he has more pets than Laura. Who is right?

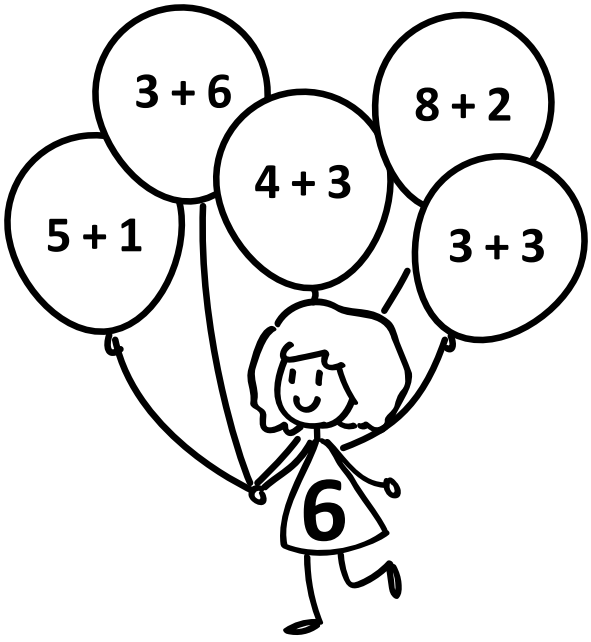
Draw a picture, write two number bonds, and use a number sentence to show if Dylan and Laura have an equal number of pets.

## Draw

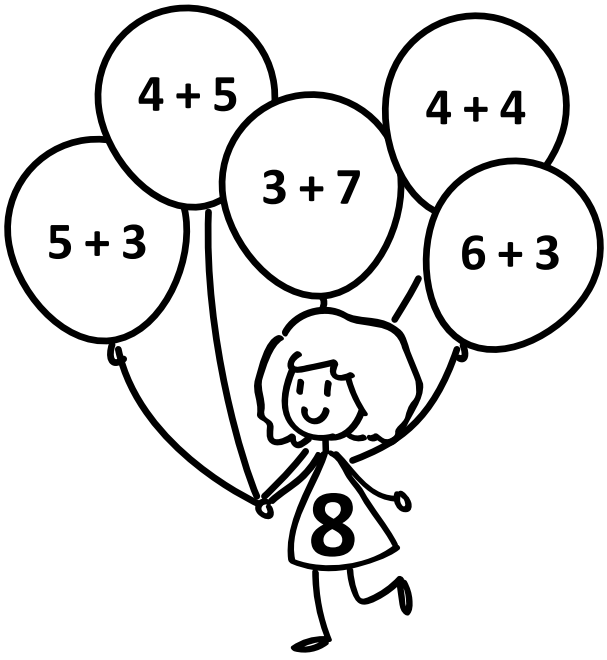
# Write

Name _____ Date _____

1. Add. Color the balloons that match the number on the student's dress. Find expressions that are equal. Connect them below with = to make true number sentences.




_____




_____

2. Are these number sentences true? ✓ if it is true. ✗ if it is false.

If it is false, rewrite the number sentence to make it true.

a. 3 + 1 = 2 + 2 ☐

b. 9 + 1 = 1 + 2 ☐

c. 2 + 3 = 1 + 4 ☐

d. 5 + 1 = 4 + 2 ☐

e. 4 + 3 = 3 + 5 ☐

f. 0 + 10 = 2 + 8 ☐

g. 6 + 3 = 4 + 5 ☐

h. 3 + 7 = 2 + 6 ☐

3. Write a number in the expression and solve. ✓ if it is true. ✗ if it is false.

a. 1 + ___ = 3 + 2 ☐

b. ___ + 4 = 2 + 5 ☐

c. ___ + 5 = 6 + ___ ☐

d. 7 + ___ = 8 + ___ ☐

Name _____ Date _____

Are these number sentences true? ✓ if it is true. ✗ if it is false.

If it is false, rewrite the number sentence to make it true.

a. $7 + 3 = 6 + 2$ ☐

_____

b. $8 + 1 = 3 + 5$ ☐

_____

| | |
|---|---|
| $4 + 1 = 2 + 2$ | $2 + 5 = 8 + 2$ |
| $3 + 2 = 4 + 1$ | $9 + 1 = 4 + 6$ |
| $6 + 2 = 3 + 3$ | $3 + 4 = 6 + 3$ |
| $1 + 7 = 4 + 4$ | $5 + 4 = 3 + 7$ |
| $2 + 5 = 4 + 3$ | $5 + 5 = 6 + 3$ |
| $5 + 1 = 4 + 2$ | $8 + 2 = 3 + 7$ |

true and false number sentence cards

## Read

Dylan has 4 cats and 2 dogs. Sammy has 1 mama bunny and 6 baby bunnies. Draw a number bond showing the total number of pets each person has. Write a statement to tell if the two students have an equal number of pets.

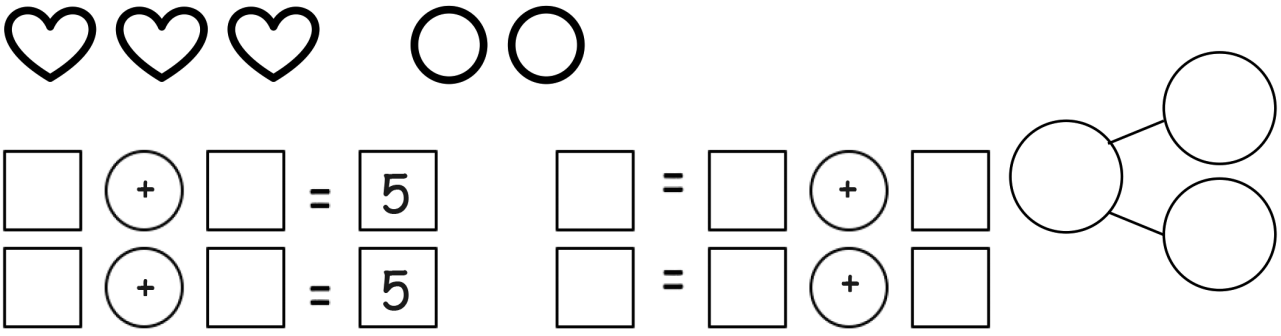
## Draw

# Write

Name _____ Date _____

1. Write the number bond to match the picture. Then, complete the number sentences.

a.



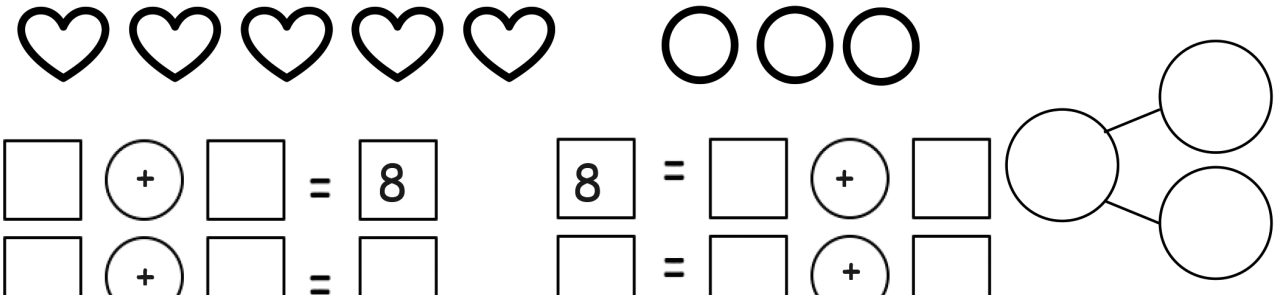
□ + □ = 5

□ + □ = 5

□ = □ + □

□ = □ + □

b.



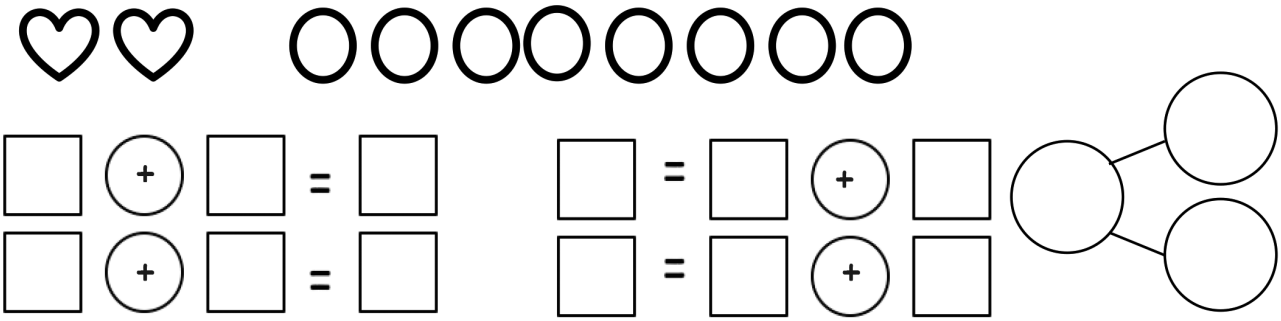
□ + □ = 8

□ + □ = □

8 = □ + □

□ = □ + □

c.



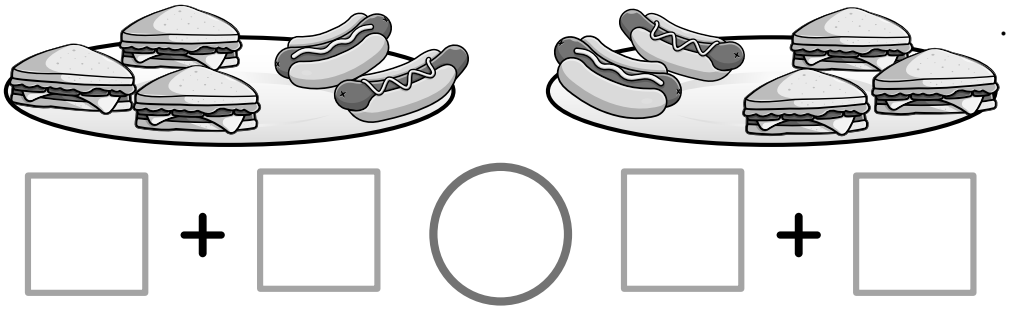
□ + □ = □

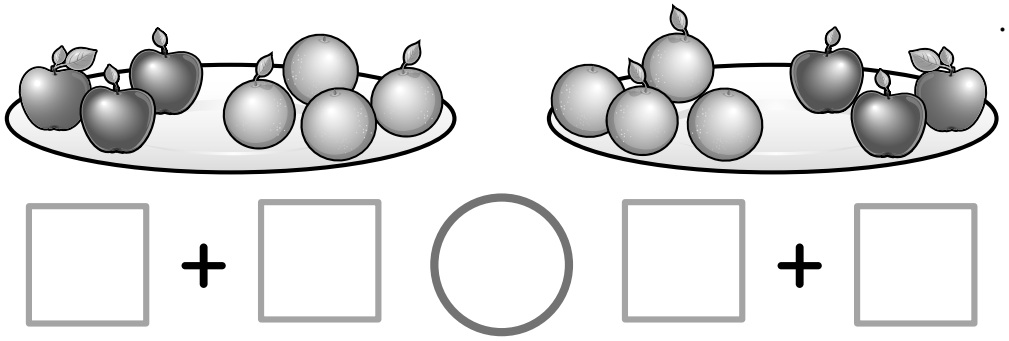
□ + □ = □

□ = □ + □

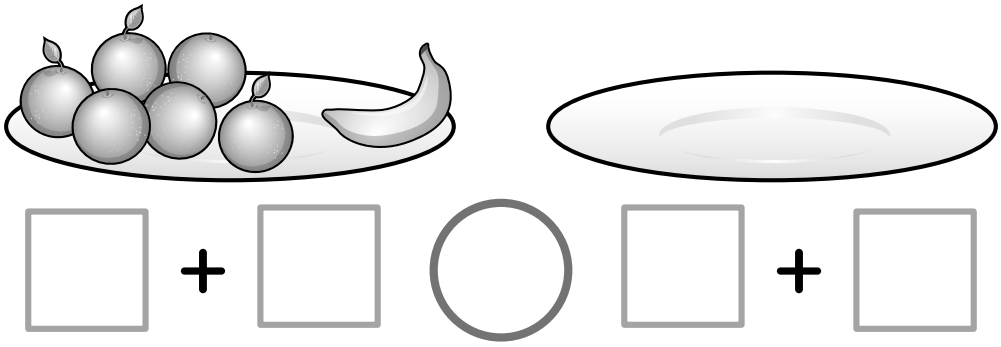
□ = □ + □

Write the expression under each plate. Add the equal sign to show they are the same amount.

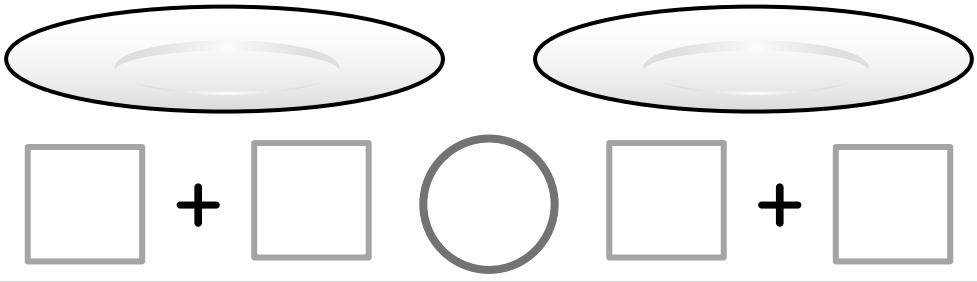
2. 

3. 

4. Draw to show the expression.

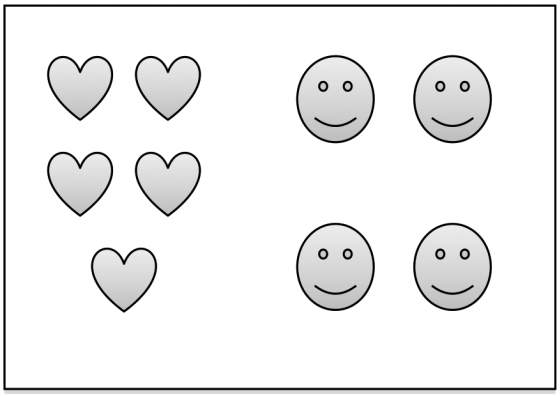


5. Draw and write to show 2 expressions that use the same numbers and have the same total.



Name _____ Date_____

Use the picture and write the number sentences to show the parts in a different order.



____ + ____ = ____ ____ = ____ + ____

____ + ____ = ____ ____ = ____ + ____

## Read

Laura had 5 fish. Her mother gave her 1 more. Laura's brother Frank had 1 fish. Their mother gave Frank 5 more. Laura cried, "That's not fair! He has more fish than I do!"

Use number bonds and a number sentence to show Laura the truth. If you can, write a sentence with words that would help Laura understand.

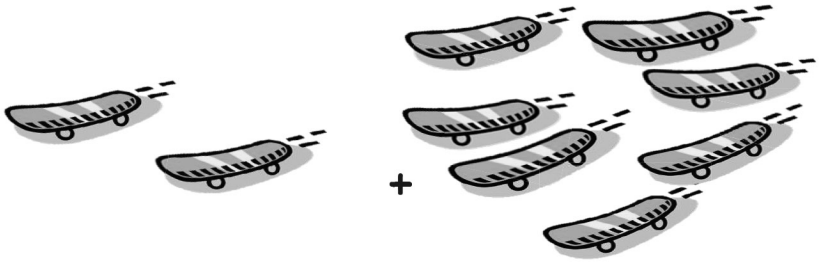
## Draw

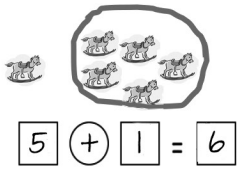
# Write

Name _____ Date_____

Circle the larger amount and count on. Write the number sentence, starting with the larger number.

1.






☐ + ☐ = ☐

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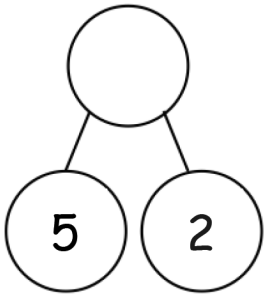
Color the larger part, and complete the number bond.
Write the number sentence, starting with the larger part.

3 + 1 = 4

2.




☐ + ☐ = ☐

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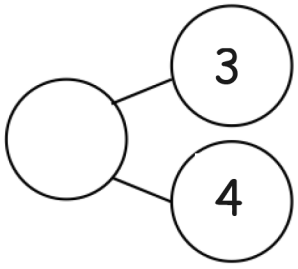
3.




☐ + ☐ = ☐

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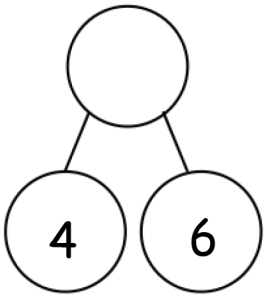
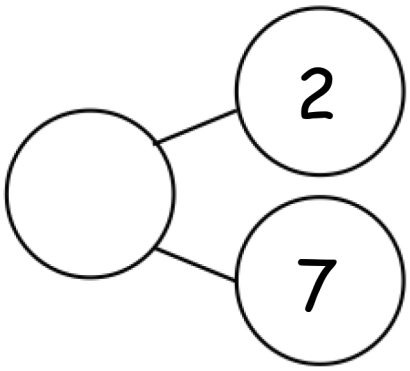
4.




☐ + ☐ = ☐

Color the larger part of the bond. Count on from that part to find the total, and fill in the number bond. Complete the first number sentence, and then rewrite the number sentence to start with the larger part.

5.

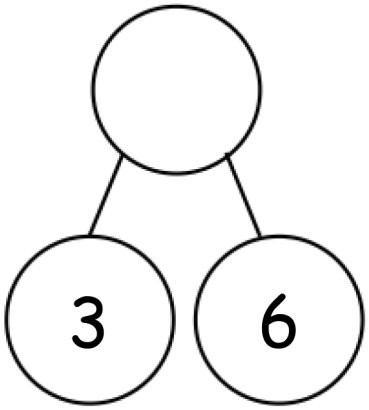



2 + ☐ = ☐

☐ + ☐ = ☐

---

6.




3 + ☐ = ☐

☐ + ☐ = ☐

Circle the larger number, and count on to solve.

7. 1 + 5 = _____

8. 2 + 6 = _____

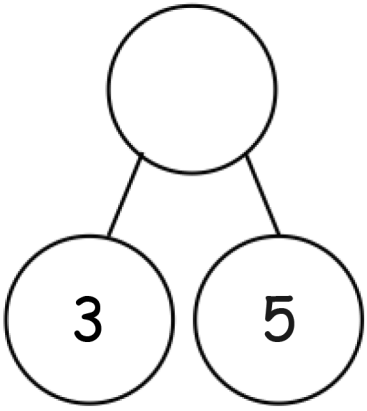
9. 4 + 3 = _____

10. 3 + 6 = _____

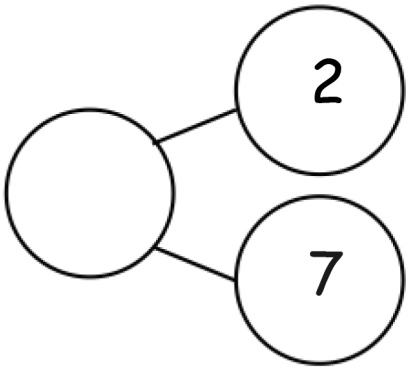
Name _____ Date _____

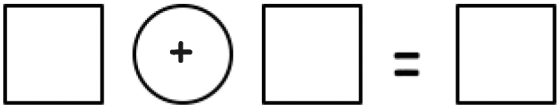
Circle the larger part, and complete the number bond. Write the number sentence, starting with the larger part.

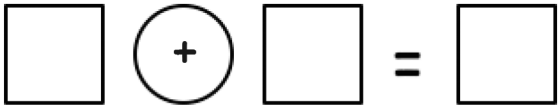
a.




b.



## Read

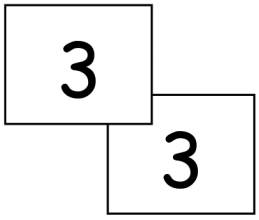
Diego is holding a container with 3 pencils. His teacher gives him 4 more pencils for the container. How many pencils will be in the container? Write a number bond, number sentence, and statement to show the solution.

## Draw

# Write

Name _____ Date _____

Add the numbers on the pairs of cards. Write the number sentences. Color doubles red. Color doubles plus 1 blue.

1. 

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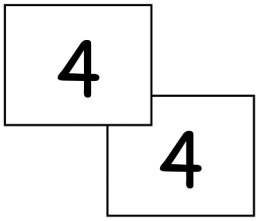
2. 

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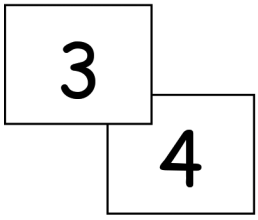
3. 

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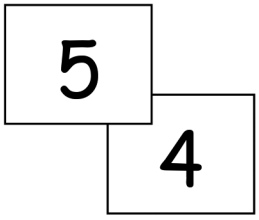
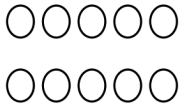
4. 

_____

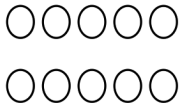
Solve. Use your doubles to help. Draw and write the double that helped.

5. $5 + 4 = \square$



_____

6. $4 + 3 = \square$



_____

7. Solve the doubles and the doubles plus 1 number sentences.

a. $0 + 0 = \square$ $0 + 1 = \square$

b. $2 + 2 = \square$ $2 + 3 = \square$

c. $3 + 3 = \square$ $3 + 4 = \square$

d. $4 + 4 = \square$ $4 + 5 = \square$

e. $3 + \square = 6$ $3 + \square = 7$

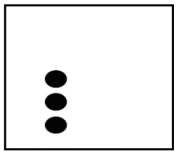
f. $5 + \square = 10$ $4 + \square = 9$

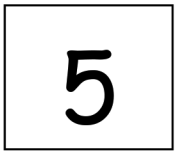
8. Show how this strategy can help you solve $5 + 6 = \square$

9. Write a set of 4 related addition facts for the number sentences of Problem 7(d).

Name _____ Date _____

Write the double and double plus 1 number sentence for each 5-group card.






_____ _____ _____

_____ _____ _____

## Read

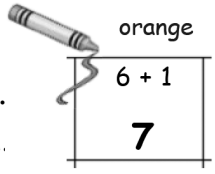
May and Kay are twins. Whatever May has, Kay has it, too. May has 2 dolls. How many dolls do May and Kay have together? May has 3 stuffed animals. How many stuffed animals do they have together?
Write a number bond, number sentence, and statement to show your solution.

**Extension:** If all the dolls and all the stuffed animals were put together for an imaginary tea party, how many toys would there be? Draw or write to explain your thinking.

## Draw

## Write

Name _____ Date _____




1. Use RED to color boxes with 0 as an addend. Find the total for each.
2. Use ORANGE to color boxes with 1 as an addend. Find the total for each.
3. Use YELLOW to color boxes with 2 as an addend. Find the total for each.
4. Use GREEN to color boxes with 3 as an addend. Find the total for each.
5. Use BLUE to color the boxes that are left. Find the total for each.

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

Name _____ Date _____

Some of the addends in this chart are missing! Fill in the missing numbers.

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

## Read

John has 3 stickers. Mark has 4 stickers. Anna has 5 stickers. They each get two more stickers. How many do they each have now?

Write a number bond and number sentence for each student.

**Extension:** How many stickers do John, Mark, and Anna have together?

## Draw

# Write

Name _____ Date _____

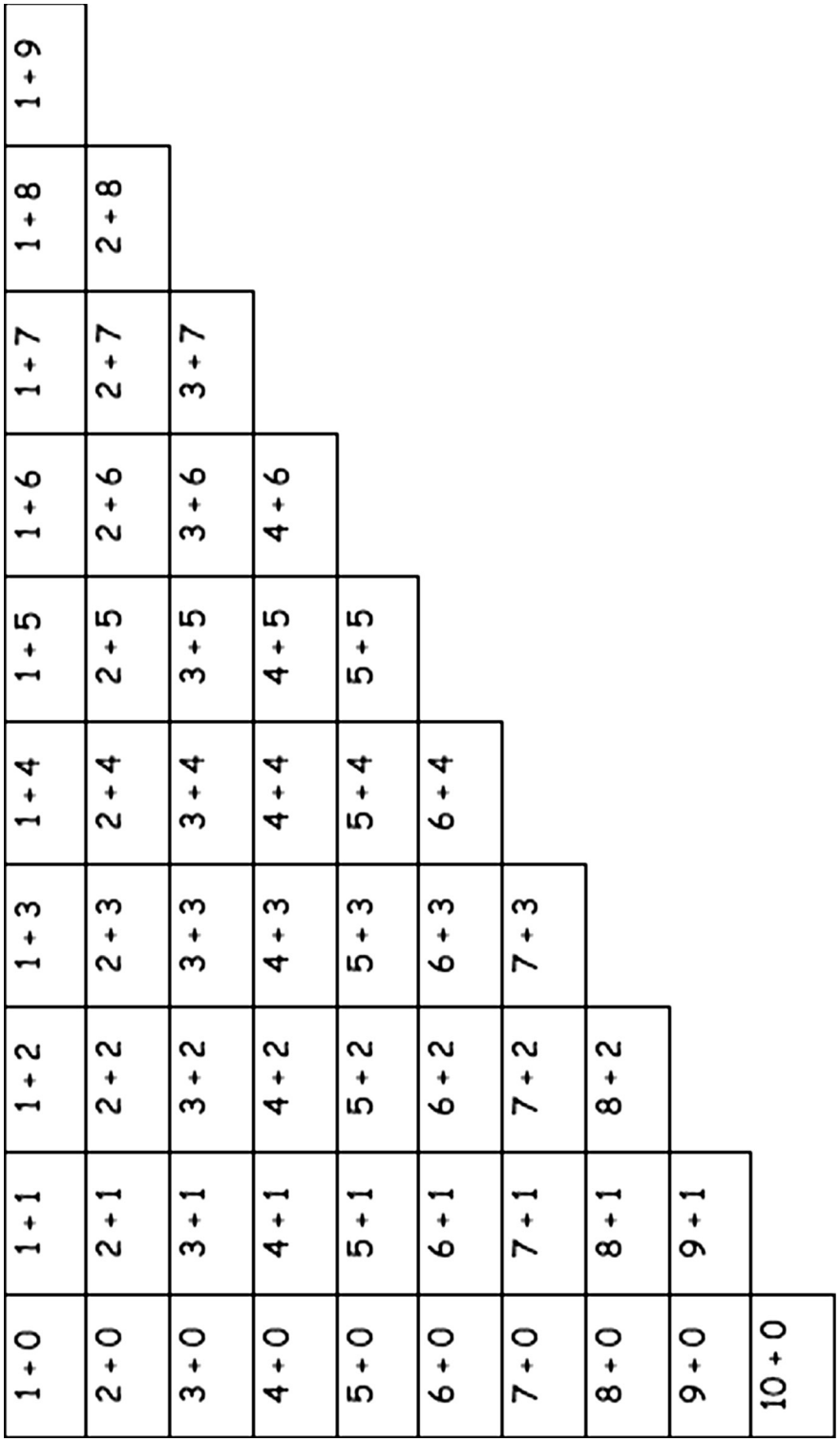
Use your chart to write a list of number sentences in the spaces below.

| Totals of 10 | Totals of 9 | Totals of 8 | Totals of 7 |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Name _____ Date _____

1. Circle all the boxes that total 10.
2. Draw an X through all the boxes that total 8.

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




addition chart

## Read

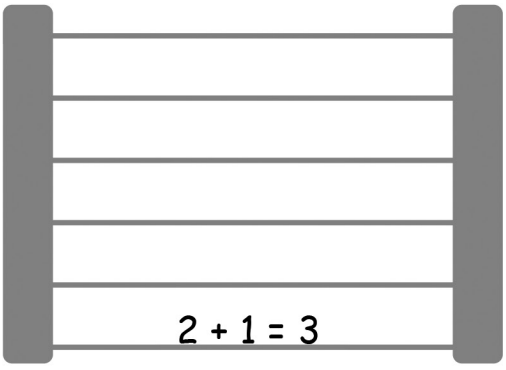
The teacher told Henry to get 8 linking cubes. Henry took 4 blue cubes and 3 red cubes. Does Henry have the correct amount of linking cubes? Use pictures or words to explain your thinking.

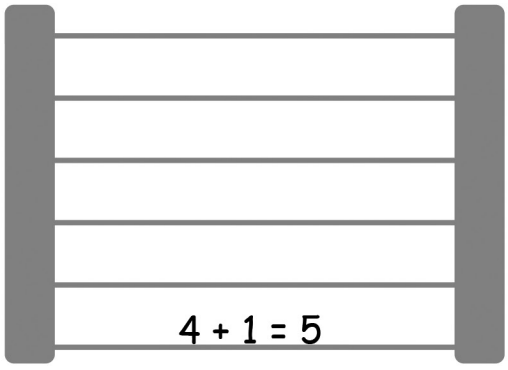
## Draw

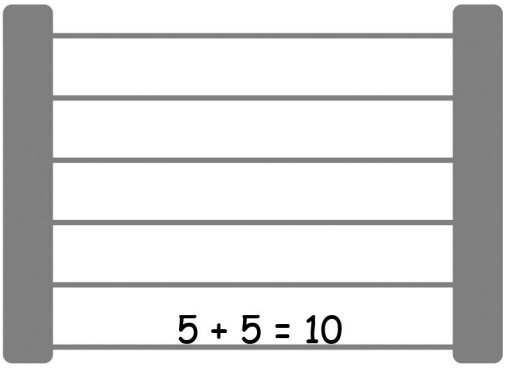
# Write

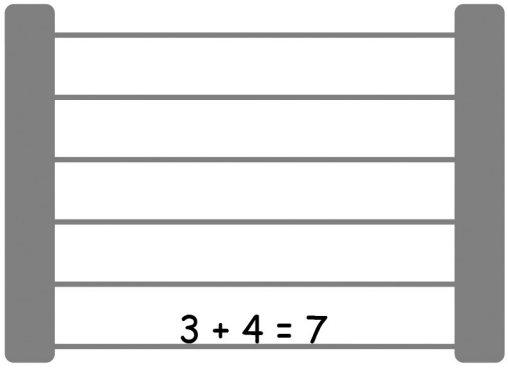
Name _____ Date _____

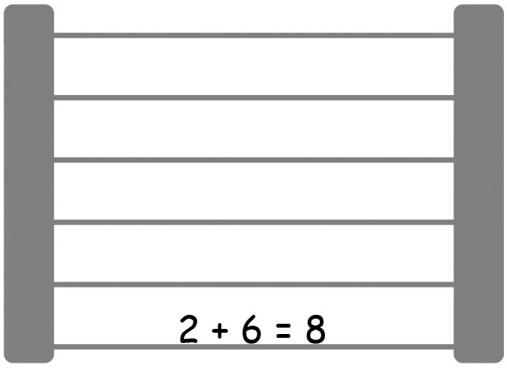
# Related Fact Ladders

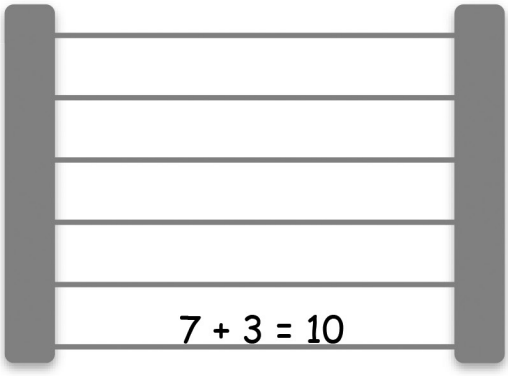
1. 


2. 


3. 


4. 


5. 


6. 

Name _____ Date _____

Solve the number sentences. Use the key to color. Once the box is colored, you do not need to color it again.

| | | |
|---|---|---|
| a. 5 + 2= _____ | b. 7 + 2 = _____ | c. 2 + 3 = _____ |
| d. 3 + 3 = _____ | e. 7 = 1 + _____ | f. 2 = 1 + _____ |
| g. _____ = 4 + 4 | h. 8 + 2 = _____ | i. 3 + 4 = _____ |
| j. _____ = 5 + 4 | k. 10 = 1 + _____ | l. 10 = 5 + ____ |

Color doubles red.

Color +1 blue.

Color +2 green.

Color doubles +1 brown.

Challenge:

List the number sentences that can be colored more than 1 way.

_____ _____

## Read

Taylor and her sister Reilly each got 4 books from the library. Then, Reilly went back in and checked out another book. How many books do Taylor and Reilly have together?

Draw and label a number bond to show the part of the books Taylor took out and the part that Reilly took out. Write a statement to share your answer.

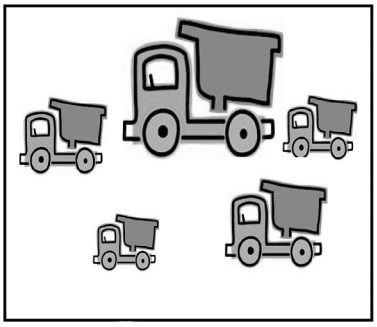
## Draw

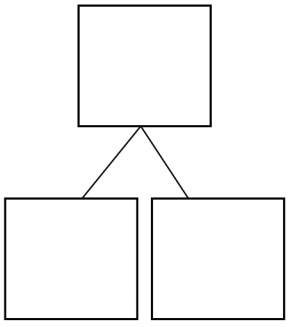
## Write

Name _____ Date_____

Break the total into parts. Write a number bond and addition and subtraction number sentences to match the story.

1. Rachel and Lucy are playing with 5 trucks. If Rachel is playing with 2 of them, how many is Lucy playing with?





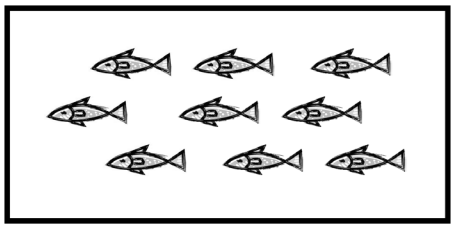
$2 + \square = 5$

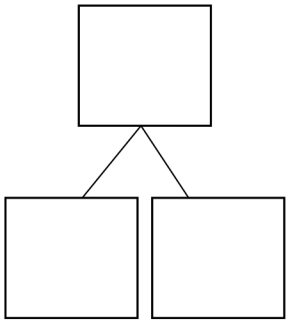
$5 - 2 = \square$

Lucy is playing with _____trucks.

---

2. Jane caught 9 fish. She caught 7 fish before she ate lunch. How many fish did she catch after lunch?



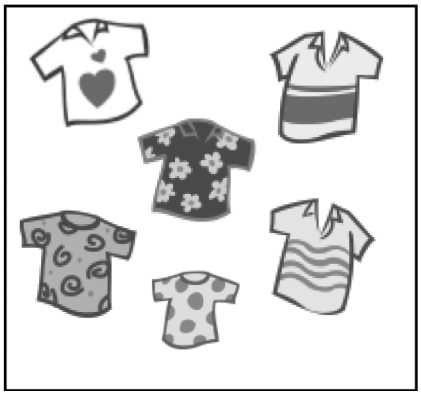


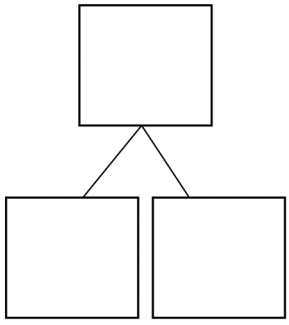
$\square + \square = 9$

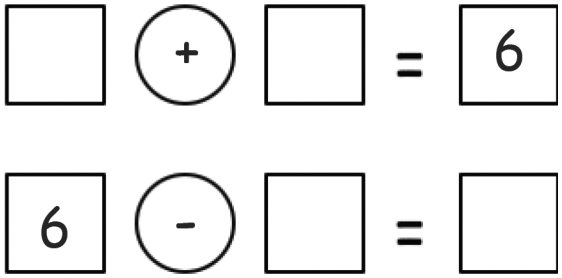
$9 - \square = \square$

Jane caught _____ fish after lunch.

3. Dad bought 6 shirts. The next day he returned some of them. Now, he has 2 shirts. How many shirts did Dad return?








Dad returned _____ shirts.

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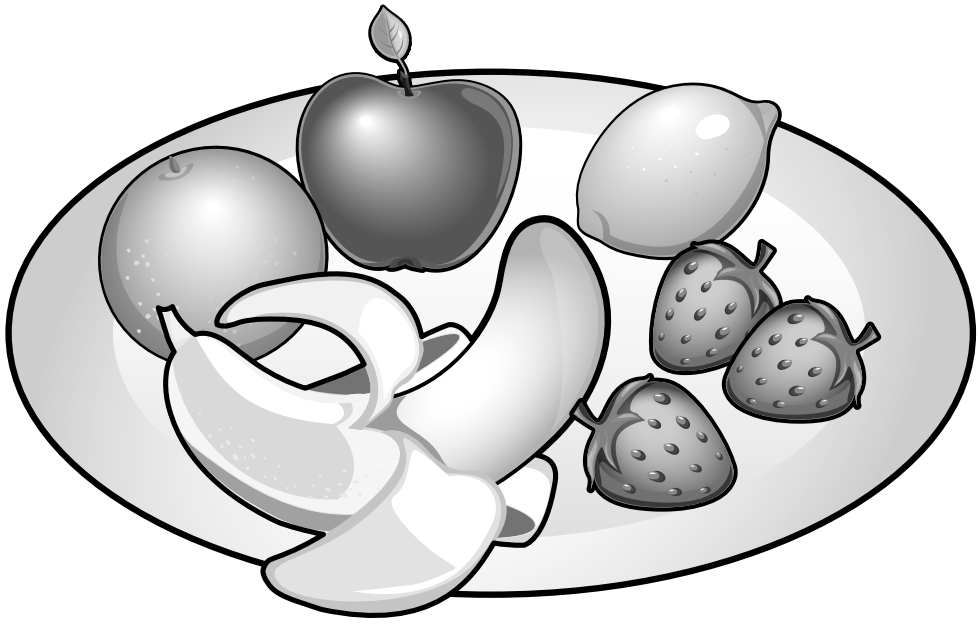
4. John had 3 strawberries. Then, his friend gave him more fruit. Now, John has 7 pieces of fruit. How many pieces of fruit did John's friend give him?

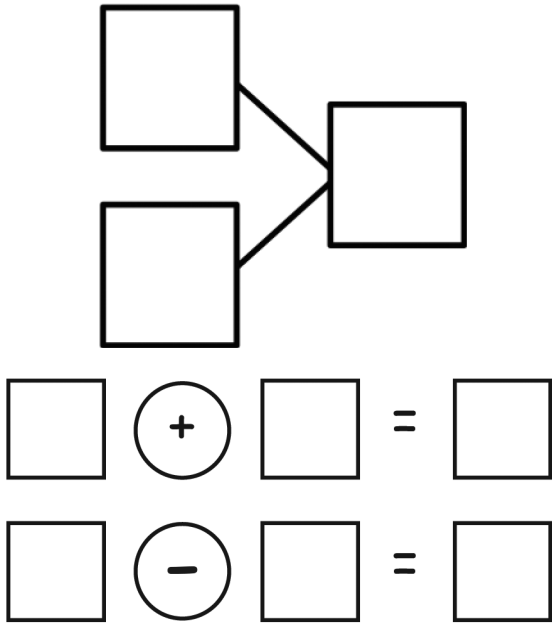


John's friend gave him _____ pieces of fruit.

Solve the math story. Complete the number bond and number sentences. Color the unknown number yellow.

5. There are 3 birds on a branch.
   Some more birds flew onto the branch.
   Now there are 8 birds on the branch.
   How many birds flew onto the branch?

   _____ birds flew onto the branch.



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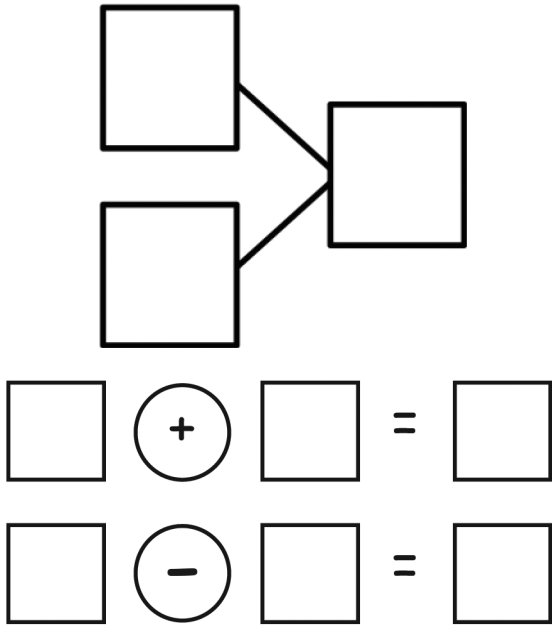
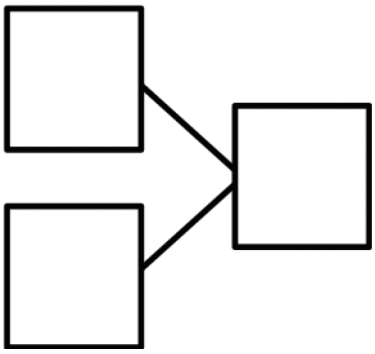
6. Valeria read 9 pages in her book.
   She read 5 pages before music class.
   Valeria read the rest of the pages after music class.
   How many pages did Valeria read after music class?

   Valeria read _____ pages after music class.



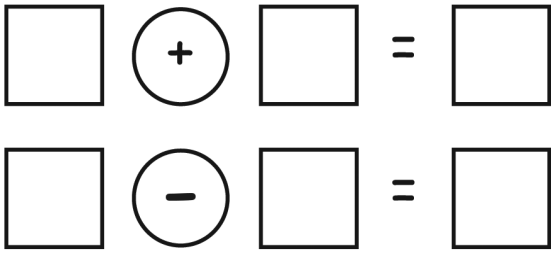
Name _____ Date _____

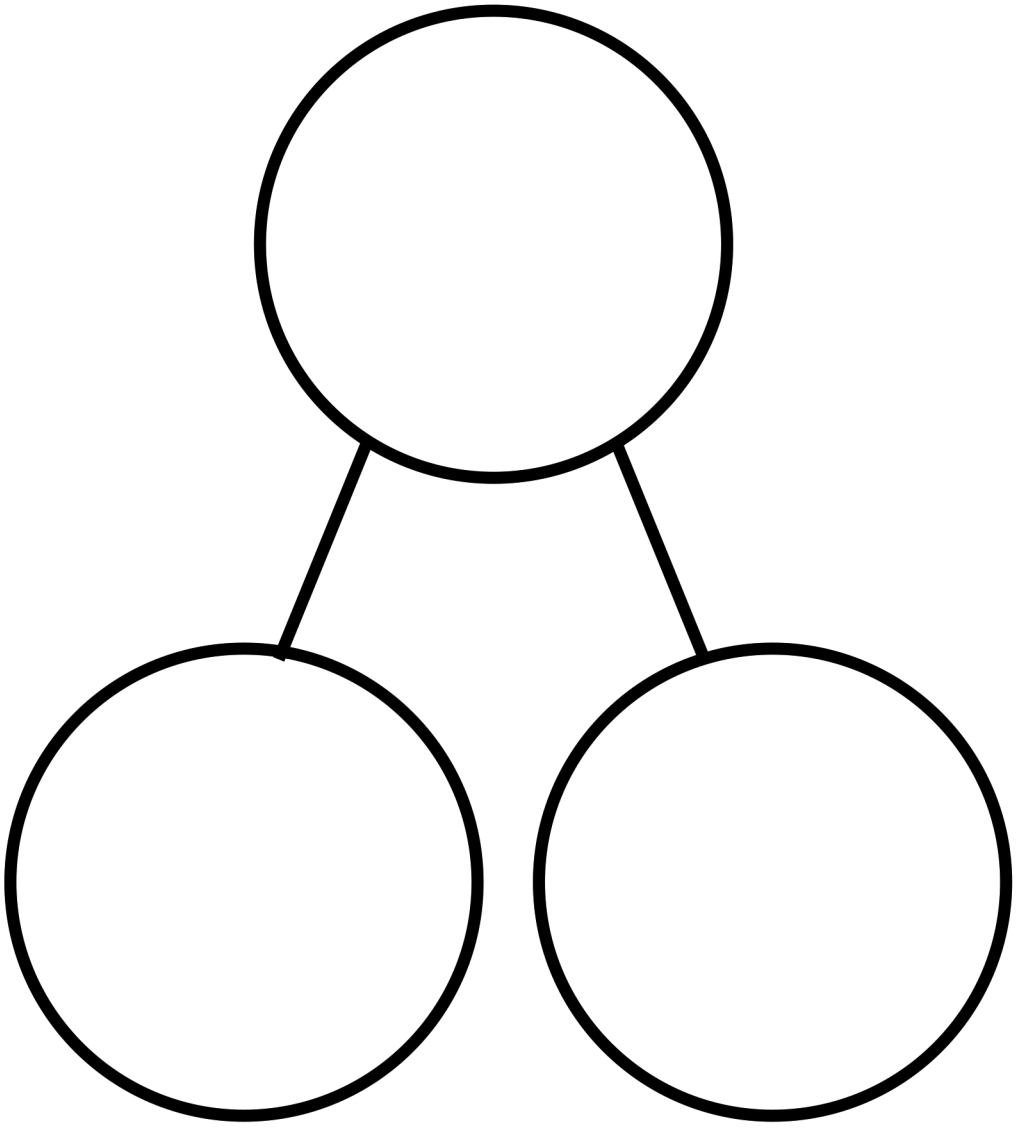
Solve the math story. Complete the number bond and number sentences. Color the unknown number yellow.



Rich bought 6 cans of soup on Monday.
He bought some more on Tuesday.
Now, he has 9 cans of soup.
How many cans did Rich buy on Tuesday?

Rich bought _____ cans.





number bond and number sentences

## Read

There were 5 students in the cafeteria. Some more students came in late. Now, there are 7 students in the cafeteria. How many students came in late?

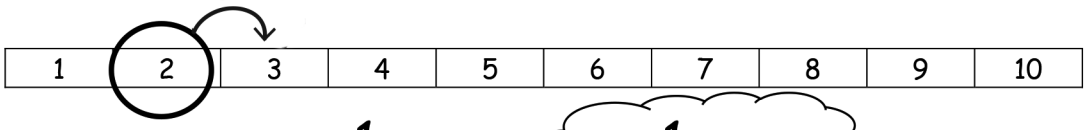
Write a number bond to match the story. Write an addition sentence and a subtraction sentence to show two ways to solve the problem. Draw a rectangle around the unknown number that you found.

## Draw

## Write

Name _____ Date _____

Use the number path to solve.




3 – 2 = 1 ○ ○ ○ 2 + 1 = 3

1.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

6 – 4 = _____ ○ ○ ○ 4 + _____ = 6

2.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

8 – 5 = _____ ○ ○ ○ 5 + _____ = 8

3.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

9 – 6 = _____ ○ ○ ○ 6 + _____ = 9

4.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

9 – 3 = _____ ○ ○ ○ 3 + _____ = 9

Use the number path to help you solve.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

5. 5 – 4 = _____ 4 + _____ = 5

6. 5 – 1 = _____ 1 + _____ = 5

7. 7 – 5 = _____ 5 + _____ = 7

8. 10 – 6 = _____ 6 + _____ = 10

9. 9 – 3 = _____ 3 + _____ = 9

Name _____ Date _____

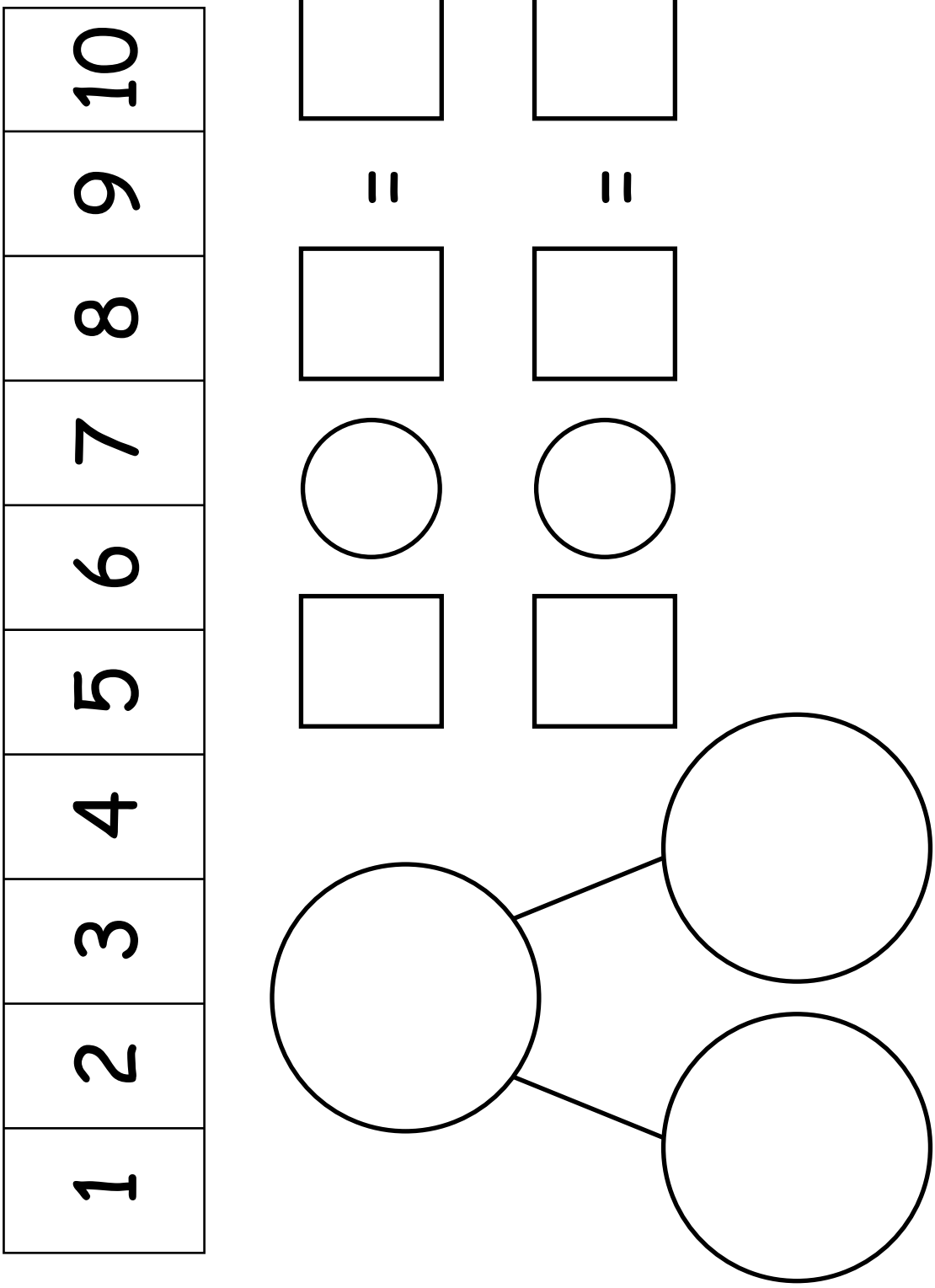
Use the number path to solve. Write the addition sentence you used to help you solve.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

a. 7 – 5 = _____ _____

b. 9 – 2 = _____ _____

c. _____ = 10 – 3 _____




number path

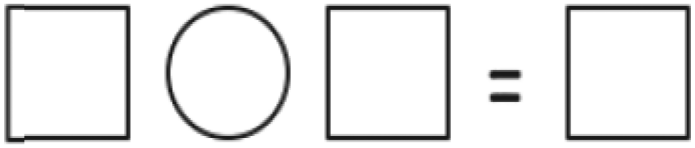
## Read

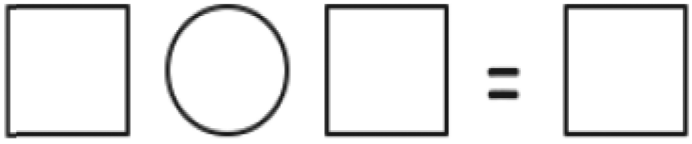
Marcus has 9 strawberries. Six of them are small; the rest are big. How many strawberries are big?

Fill in the template. Circle the mystery, or unknown, number in the number sentences, and write a statement to answer the question.

## Draw

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|





# Write

Name _____ Date _____

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

Rewrite the subtraction number sentence as an addition number sentence.

Place a ☐ around the unknown. Use the number path if you want to.

1. 4 – 3 = ☐ _____ + _____ = _____

2. 6 – 2 = ☐ _____ + _____ = _____

3. 7 – 3 = ☐ _____ + _____ = _____

4. 9 – 6 = ☐ _____

5. 10 – 2 = ☐ _____

Use the number path to count on.

6. 8 – 4 = _____ 4 + _____ = 8

7. 9 – 5 = _____ 5 + _____ = 9

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|

Hop back on the number path to count back.

8. 10 – 1 = _____

9. 9 – 2 = _____

10. Pick the best way to solve the problem. Check the box.

Count on

Count back

a. 10 – 9 = _____ ☐ ☐

b. 9 – 1 = _____ ☐ ☐

c. 8 – 5 = _____ ☐ ☐

d. 8 – 6 = _____ ☐ ☐

e. 7 – 4 = _____ ☐ ☐

f. 6 – 3 = _____ ☐ ☐

Name _____ Date _____

To solve 7 – 6, Ben thinks you should count back, and pat thinks you should count on. Which is the best way to solve this expression? Make a simple math drawing to show why.

7 - 6 = _____

## Read

Eight ducks are swimming in the pond. Four ducks fly away. How many ducks are still swimming in the pond?

Write a number bond, number sentence, and statement. Draw a number path to prove your answer.

## Draw

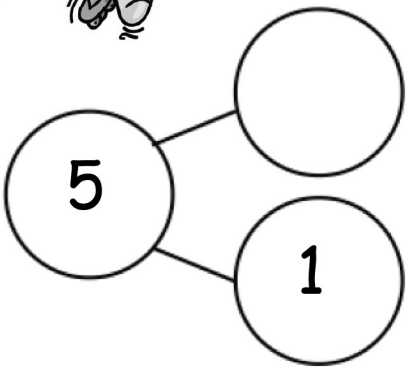
# Write

Name _____ Date _____

Read the story. Draw a horizontal line through the items that are leaving the story.

Then, complete the number bond, sentence, and statement.

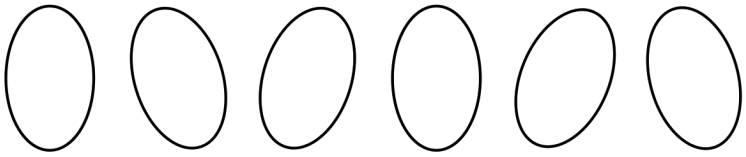
1. There are 5 toy airplanes flying at the park.
   One went down and broke.
   How many airplanes are still flying?

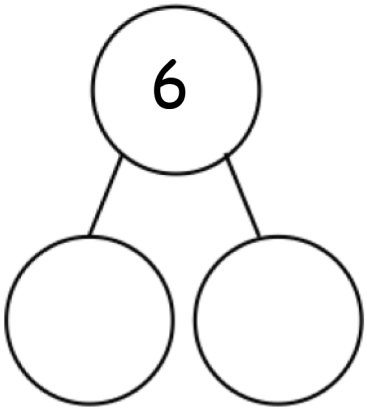



5 – 1 = _____

There are _____ airplanes still flying.

2. I had 6 eggs from the store.
   Three of them were cracked.
   How many eggs did I have that were not cracked?



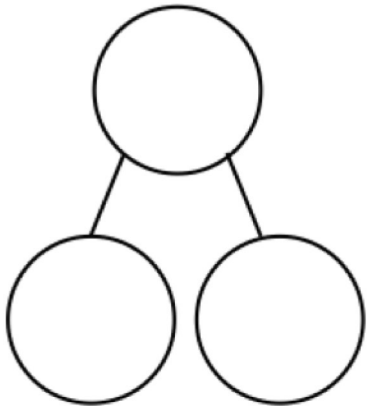



6 – ___ = _____

_____ eggs were not cracked.

Draw a number bond and math drawing to help you solve the problems.

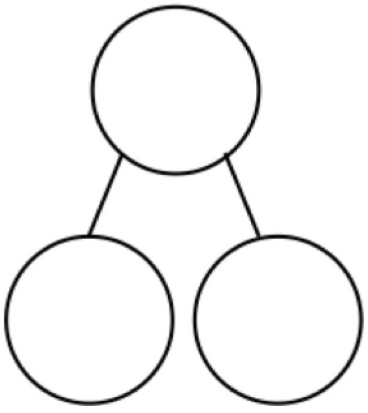
3. Kate saw 8 cats playing in the grass.
   Three went away to chase a mouse.
   How many cats remained in the grass?



_____ – _____ = _____

_____ cats remained in the grass.

4. There were 7 mango slices.
   Two of them were eaten.
   How many mango slices are left to eat?



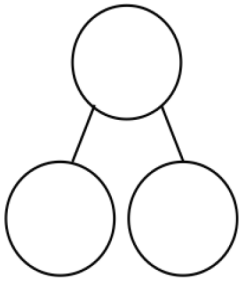
_____ – _____ = _____

There are _____ mango slices left.

Name _____ Date _____

Read the problem. Make a math drawing to solve.

There were 9 kites flying in the park. Three kites got caught in trees. How many kites were still flying?



____ - ____ = ____

____ kites were still flying.

## Read

Lucas has 9 pencils for school. He lends 4 of them to his friends. How many pencils does Lucas have left?

Box the solution in your number sentence, and include a statement to answer the question. Be sure to draw your simple shapes in a straight line.

## Draw

# Write

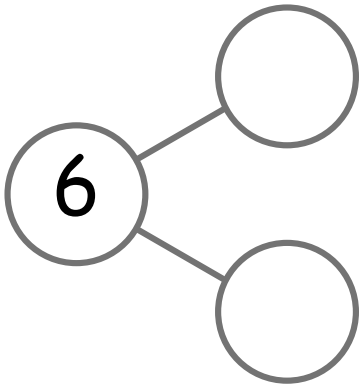
Name _____ Date _____

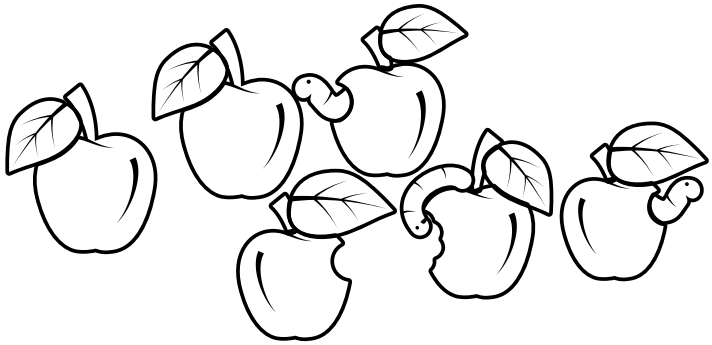
Complete the story and solve. Label the number bond.
Color the missing part in the number sentence and number bond.

1. There are _____ apples.

   _____ have worms. Yuck!

   How many good apples are there?



6 - ☐ = ☐

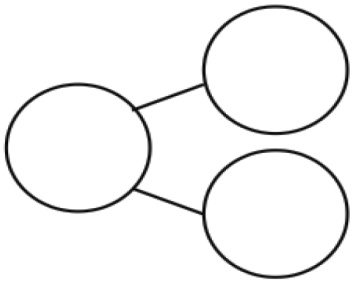
There are _____ good apples.

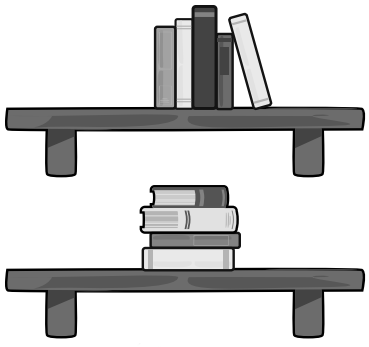
---

2. _____ books are in the case.

   _____ books are on the top shelf.

   How many books are on the bottom shelf?



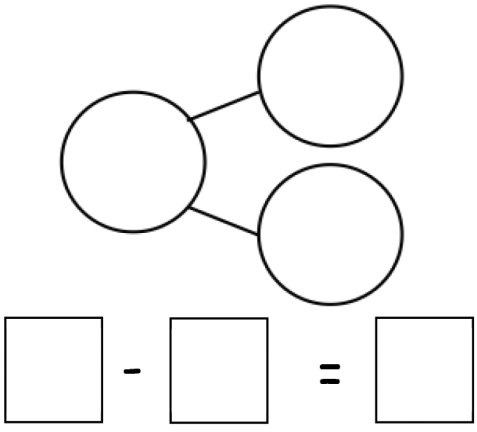


9 - ☐ = ☐

_____ books are on the bottom shelf.

Use number bonds and math drawings in a line to solve.

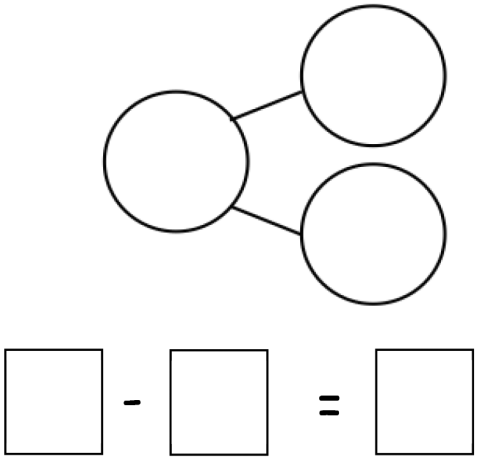
3. There are 8 animals at the pond.
   Two are big. The rest are small.
   How many are small?



_____ animals are small.

---

4. There are 7 students in the class.
   _____ students have long hair.
   How many students have short hair?

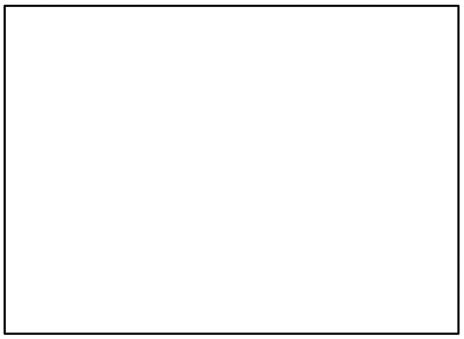


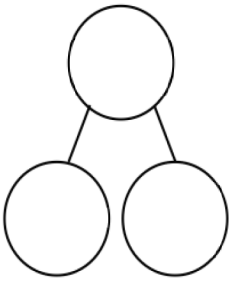
_____ students are have short hair.

Name _____ Date _____

Read the story. Make a math drawing to solve.

There are 9 baseball players on the team. Seven are on the bench. How many are not on the bench?





____ - ____ = ____

_____ players are not on the bench.

## Read

Freddie has 10 rocks in his pocket. Five of them are large.

How many of his rocks are small?

Box the solution in your number sentence, and include a statement to answer the question. Make a math drawing. Circle the part that is large rocks to show you have the correct number of small rocks.

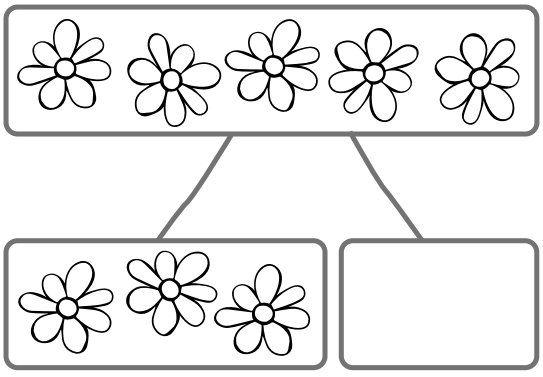
## Draw

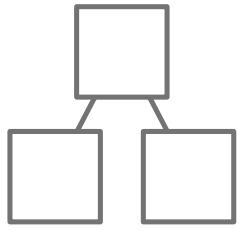
# Write

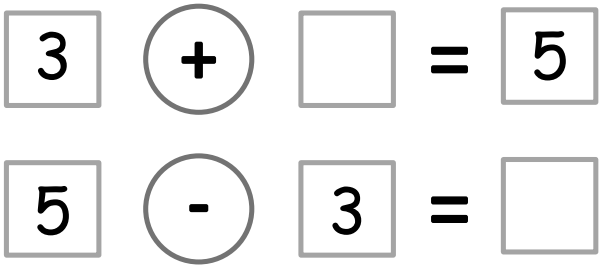
Name _____ Date _____

Solve the math stories. Complete and label the number bond and the picture number bond. Lightly shade in the solution.

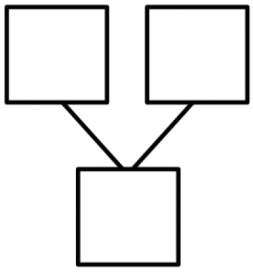
1. Jill was given a total of 5 flowers for her birthday. She put 3 in one vase and the rest in another vase. How many flowers did she put in the other vase?

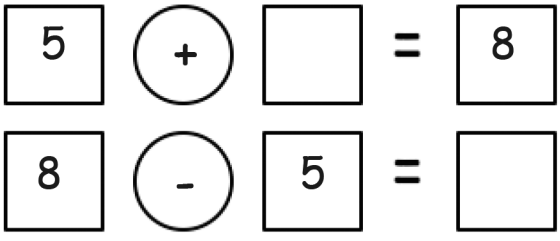






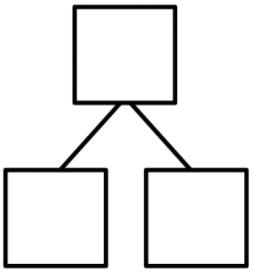

2. Kate and Nana were baking cookies. They made 5 heart-shaped cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and solve.





Solve. Complete and label the number bond and the picture number bond. Circle the unknown number.

3. Bill has 2 trucks. His friend James came over with some more.
   Together, they have 6 trucks.
   How many trucks did James bring over?



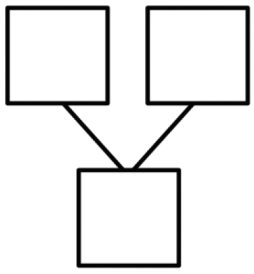
_____ + _____ = 6

6 - _____ = _____

James brought over _____ trucks.

---

4. Jane drew 5 pictures before she stopped to eat lunch.
   After lunch, she drew some more.
   At the end of the day, she had drawn 9 pictures.
   How many pictures did she draw after lunch?



_____ + _____ = 9

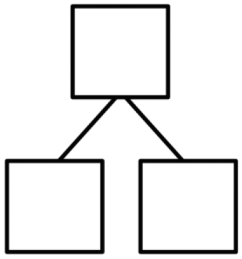
9 - _____ = _____

Jane drew _____ pictures after lunch.

Name _____ Date _____

Draw and label a picture number bond to solve.

Toby collects shells. On Monday, he finds 6 shells. On Tuesday, he finds some more. Toby finds a total of 9 shells. How many shells does Toby find on Tuesday?



_____ + _____ = _____

_____ - _____ = _____

Toby finds _____ shells on Tuesday.

## Read

Linh saw 5 pigeons on the roof. Some more pigeons flew onto the roof. She then counted 8 pigeons. How many pigeons flew onto the roof?

Write a number bond and both addition and subtraction number sentences to match the story. Box the solution in your number sentences, and include a statement to answer the question.

## Draw

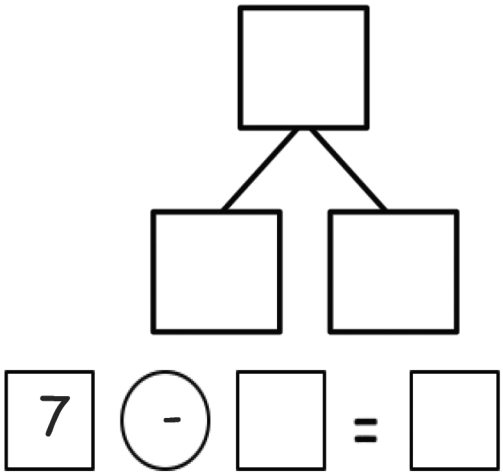
# Write

Name _____ Date _____

Make a math drawing, and circle the part you know. Cross out the unknown part.

Complete the number sentence and number bond.

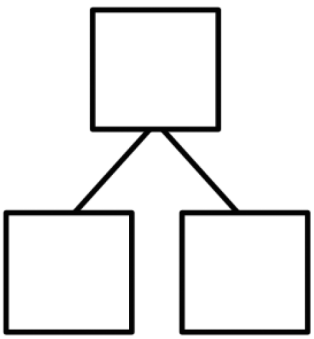
1. Kate made 7 cookies. Bill ate some. Now, Kate has 5 cookies. How many cookies did Bill eat?



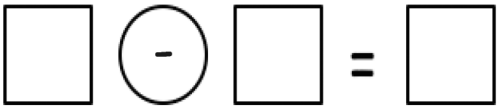

Bill ate _____cookies.

---

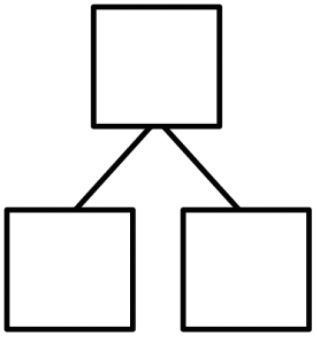
2. On Monday, Tim had 8 pencils. On Tuesday, he lost some pencils. On Wednesday, he has 4 pencils. How many pencils did Tim lose?



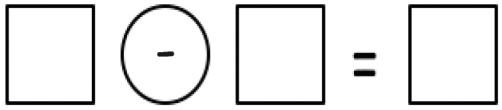
Tim lost _____ pencils.



3. A store had 6 shirts on the rack. Now, there are 2 shirts on the rack. How many shirts were sold?



_____ shirts were sold.



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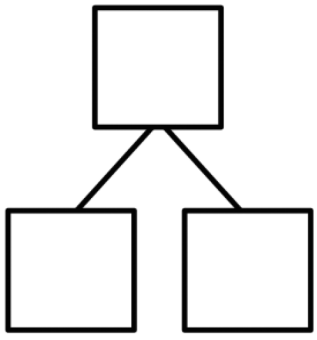
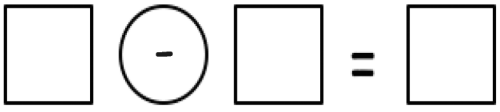
4. There were 9 children at the park. Some children went inside. Five children stayed. How many children went inside?



_____ children went inside.

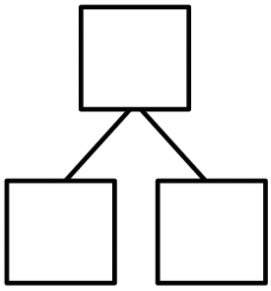


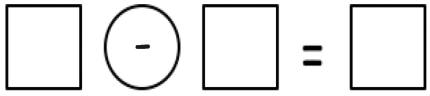
Name _____ Date _____

Make a math drawing, and circle the part you know. Cross out the unknown part. Complete the number sentence and number bond.

Deb blows up 9 balloons. Some balloons popped. Three balloons are left. How many balloons popped?

_____ balloons popped.





## Read

There are 8 juice boxes in the cubbies. Some students drink their juice. Now, there are only 5 juice boxes. How many juice boxes were taken from the cubbies?

Make a number bond. Write a subtraction sentence and a statement to match the story. Make a box around the solution in your number sentence. Make a math drawing to show how you know.

## Draw

## Write

Name _____ Date _____

Solve. Use simple math drawings to show how to solve with addition and subtraction. Label the number bond.

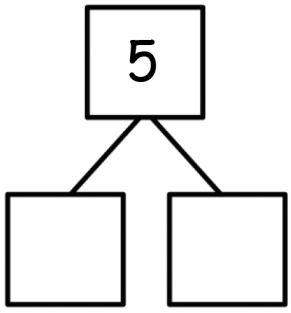
1.

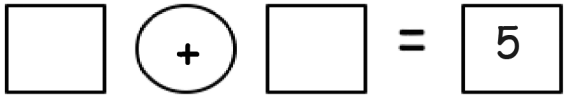
There are 5 apples.

Four are Sam's.

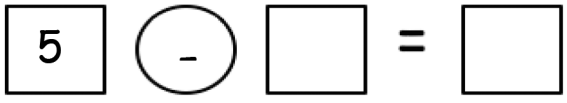
The rest are Jim's.

How many apples does Jim have?




Jim has _____ apple.

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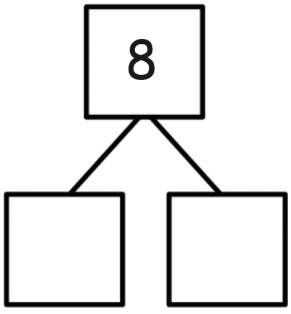
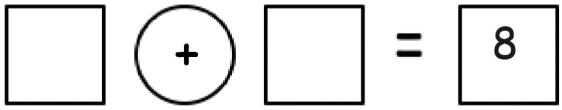
2.

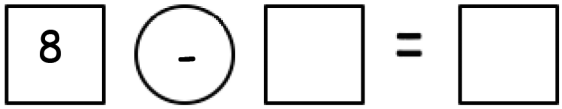
There are 8 mushrooms. Five are black. The rest are white.

How many mushrooms are white?



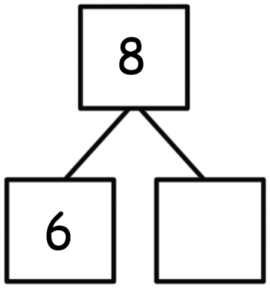



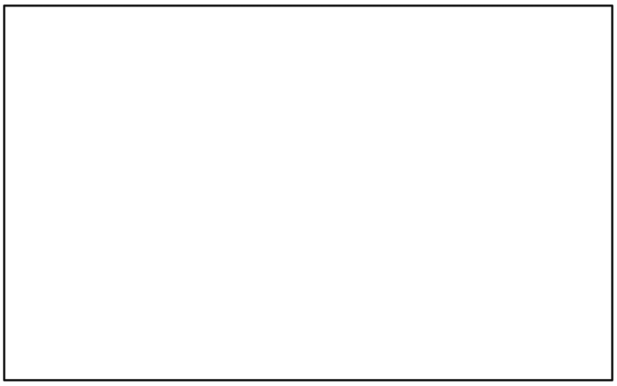

_____ mushrooms are white.



Use the number bond to complete the number sentences. Use simple math drawings to tell math stories.

3.

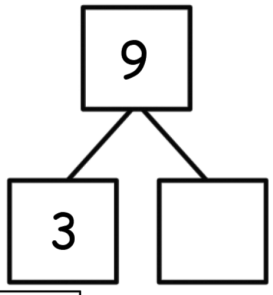


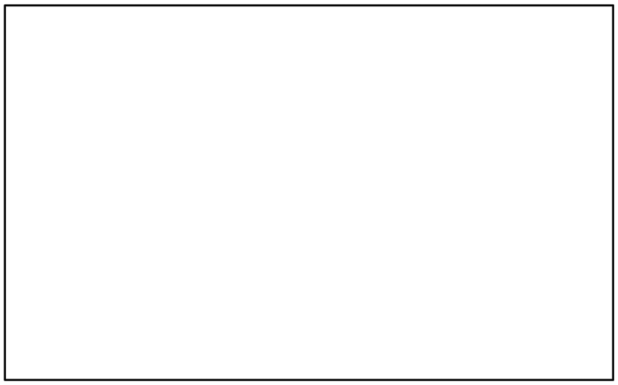



___ + ___ = 8

8 - ___ = ___

4.



___ + ___ = ___

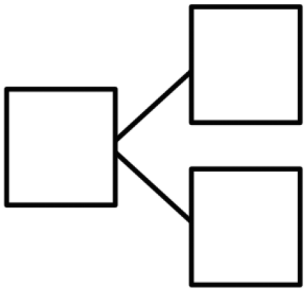
___ - ___ = ___

Name _____ Date _____

Read the math story. Make a math drawing and solve.

Glenn has 9 pens. Five are black. The rest are blue. How many pens are blue?

____ pens are blue.



_____ - _____ = _____ _____ + _____ = _____

## Read

Nine children are playing outside. One child is on the swings and the rest are playing tag. How many children are playing tag?

Write a number bond and number sentence. Make a math drawing to show how you know.

## Draw

# Write

There are children playing tag.

Name _____ Date_____

Cross off, when needed, to subtract.

1. ●●●●● ○

2. ●●●●● ○

●●●●●○○⊖
8 - 1 = 7

6 - 1 = ____

6 - 0 = ____

If you want, make a 5-group drawing for each problem like the ones above. Show the subtraction.

3.

7 – 1 = ____

4.

7 – 0 = ____

5.

10 – 1 = ____

6.

10 – 0 = ____

7.

8 – 1 = ____

8.

8 – 0 = ____

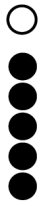
9.

9 – 1 = ____

10.

9 – 0 = ____

Cross off, when needed, to subtract.

11. 

6 – 1 = ____

12.

8 – 1 = ____

13.

9 – 0 = ____

Subtract.

14. 7 – 1 = ____

15. 8 – 0 = ____

16. 9 – 1 = ____

17. Fill in the missing number. Visualize your 5-groups to help you.

a. 6 – 0 = ____

b. 6 – 1 = ____

c. 7 – ____ = 7

d. 7 – 1 = ____

e. 8 – 0 = ____

f. 8 – ____ = 7

g. 9 – ____ = 9

h. 9 – 1 = ____

i. 10 – ____ = 10

j. 10 – ____ = 9

Name _____ Date_____

Complete the number sentences. If you want, use 5-group drawings to show the subtraction.

1.

9 - 1 = ____

2.

8 = ____ - 0

3.

8 = ____ - 1

4.

10 = 10 - ____

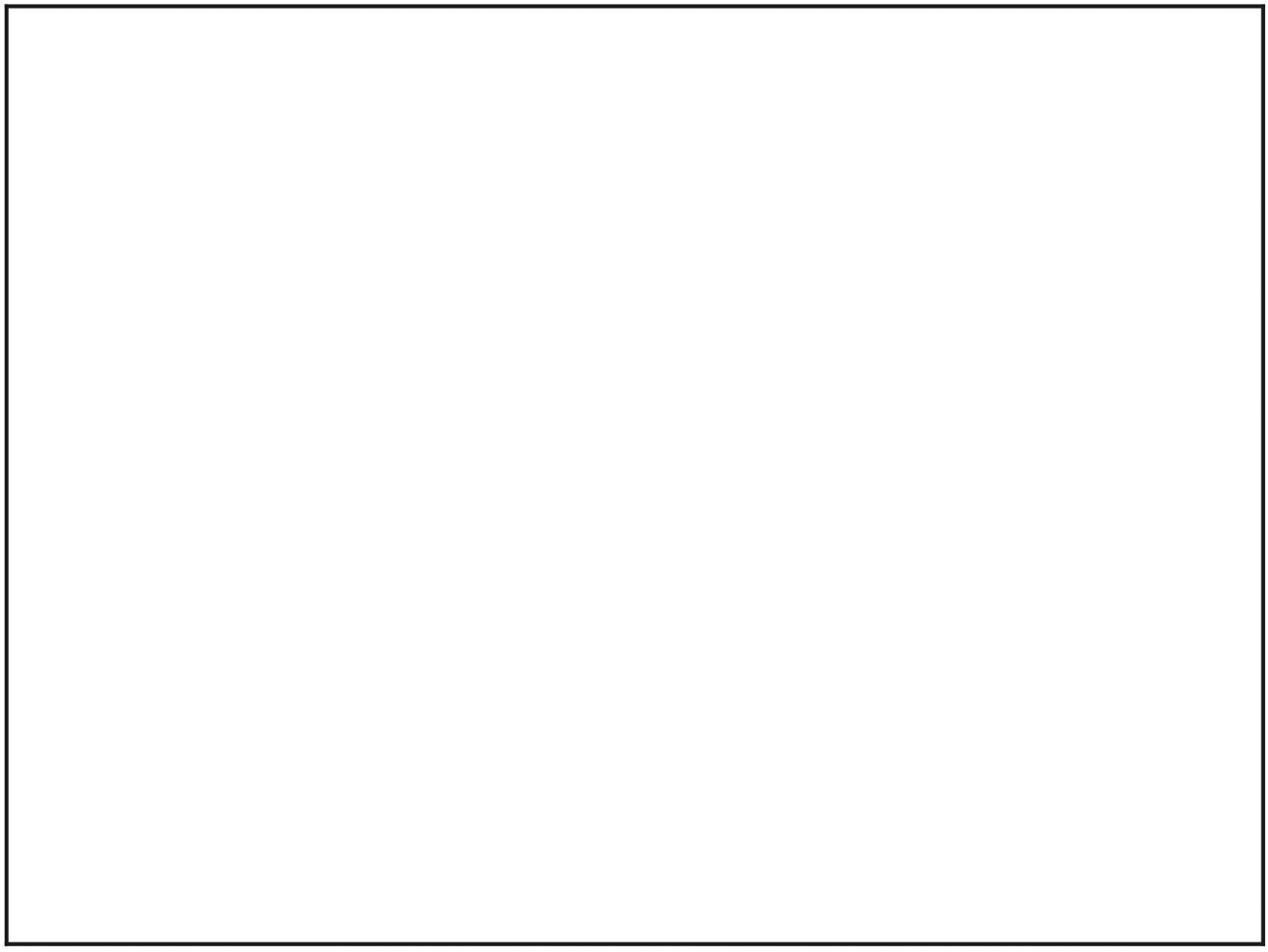
## Read

Eighty-three beads spill on the floor. A student picks up 1 bead. How many beads are still on the floor?

Write a number bond, number sentence, and a statement to share your solution.

**Extension:** If a second student picks up 10 more beads, how many beads will remain on the floor? Use number bonds to show how you know.

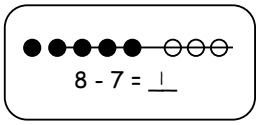
## Draw



## Write

Name _____ Date _____

Cross off to subtract.




1.

6 - 6 = ____

2.

6 - 5 = ____

Subtract. Make a math drawing, like those above, for each.

3.

7 - 7 = ____

4.

7 - 6 = ____

5.

10 - 10 = ____

6.

10 - 9 = ____

7.

8 - 8 = ____

8.

8 - 7 = ____

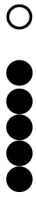
9.

9 - 9 = ____

10.

9 - 8 = ____

Cross off, when needed, to subtract.

11. 

12.

13.

6 - 6 = ____ 8 - 8 = ____ 9 - 8 = ____

Subtract. Make a math drawing, like those above, for each.

14. 15. 16.

7 - 7 = ____ 8 - 7 = ____ 9 - 9 = ____

17. Fill in the missing number. Visualize your 5-groups to help you.

a. 6 - 6 = ____ b. 6 - 5 = ____

c. 7 - ____ = 0 d. 7 - 6 = ____

e. 8 - 8 = ____ f. 8 - ____ = 1

g. 9 - ____ = 0 h. 9 - 8 = ____

i. 10 - ____ = 10 j. 10 - ____ = 1

Name _____ Date _____

Make 5-group drawings to show the subtraction.

1.

$9 - ___ = 1$

2.

$0 = 10 - ___$

3.

$1 = ___ - 7$

4.

$0 = ___ - 9$

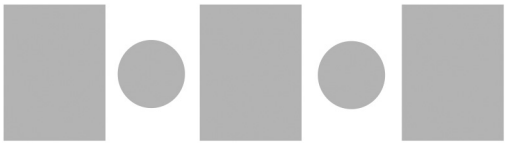
## Read

The teacher spilled 18 beads on the floor today. A student picked up 17 of the beads. How many beads are still left on the floor? Write a number bond, number sentence, and a statement to share your solution.

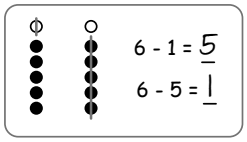
**Extension:** If the 17 beads had been picked up by two students, how many beads might each student have picked up? Make a number bond to show your solution.

## Draw

## Write

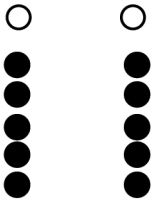


Name _____ Date _____




Solve the sets of number sentences. Look for groups to cross off.

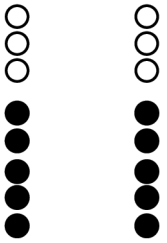
1.



6 – 5 = ____

6 – 1 = ____

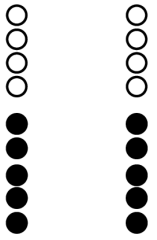
2.



8 – 3 = ____

8 – 5 = ____

3.

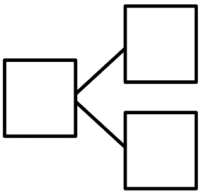


9 – 4 = ____

9 – 5 = ____

Subtract. Make a math drawing for each problem like the ones above. Write a number bond.

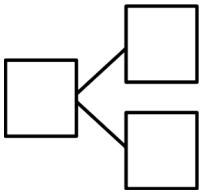
4.



7 – 5 = ____

7 – 2 = ____

5.



10 – 5 = ____

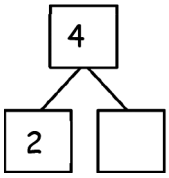
6. Solve. Visualize your 5-groups to help you.

a. 7 – 5 = ____ b. 7 – ____ = 5 c. 8 – 3 = ____

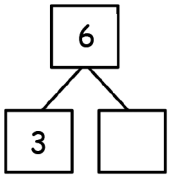
d. 9 – ____ = 4 e. 9 – ____ = 5 f. 8 – ____ = 3

Complete the number bond and number sentence for each problem.

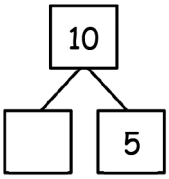
7. 4 – 2 = _____



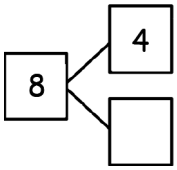

8. 6 – 3 = _____



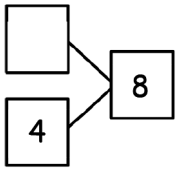

9. 10 – 5 = _____



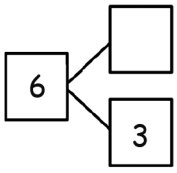

10. 8 – 4 = _____



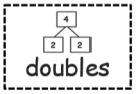

11. 8 – 4 = _____

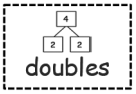


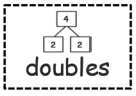

12. 6 – 3 = _____

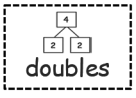


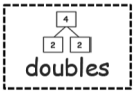

13. Complete the number sentences below. Circle the strategy that can help.

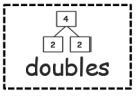
a. 7 – 5 = ____ ●●●●● ○○○○○ 5-groups  doubles

b. 7 – 2 = ____ ●●●●● ○○○○○ 5-groups  doubles

c. 8 – 4 = ____ ●●●●● ○○○○○ 5-groups  doubles

d. 8 – 3 = ____ ●●●●● ○○○○○ 5-groups  doubles

e. 8 – 5 = ____ ●●●●● ○○○○○ 5-groups  doubles

f. 10 – 5 = ____ ●●●●● ○○○○○ 5-groups  doubles

Name _____ Date _____

Solve the number sentences. Make a number bond.

Draw a picture or write a statement about the strategy that helped you.

Doubles helped me solve!

6 – 3 = 3

1. _____ – 5 = 5

2. 8 – _____ = 4

3. 9 – ____ = 4

## Read

There are 10 beads on the floor. There is the same number of red beads as white beads. A student picks up the white beads. How many beads are still on the floor?

Write a number bond, number sentence, and a statement to share your solution. Make a math drawing to show how you know.

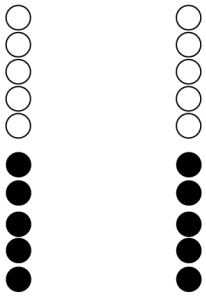
## Draw

# Write

Name _____ Date _____

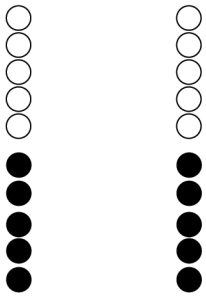
Solve the sets. Cross off on the 5-groups.

Use the first number sentence to help you solve the next.

1. 

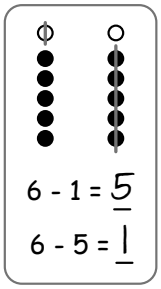
10 – 9 = ____

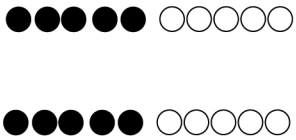
10 – 1 = ____

2. 

10 – 6 = ____

10 – 4 = ____

3. 

10 – 3 = ____

10 – 7 = ____

Make a math drawing and solve.

4.

10 – 4 = ____

10 – 6 = ____

5.

10 – 5 = ____

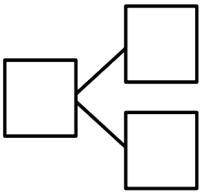
6.

10 – 8 = ____

10 – 2 = ____

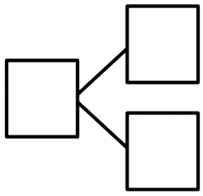
Subtract. Then, write the related subtraction sentence.

Make a math drawing if needed, and complete a number bond for each.

7. 

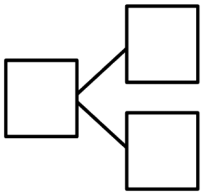
10 – 8 = ____

_____

8. 

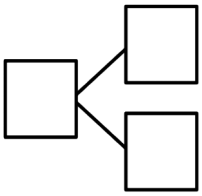
10 – 9 = ____

_____

9. 

10 – 3 = ____

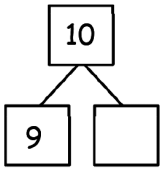
_____

10. 

10 – 6 = ____

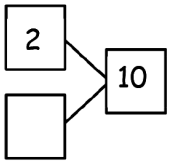
_____

11. Fill in the missing part. Write the 2 matching subtraction sentences.

a. 


_____

_____

b. 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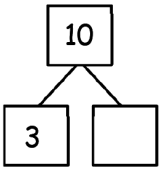
c. 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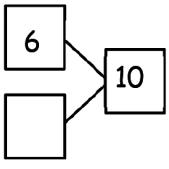
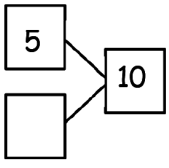
d. 


_____

_____

e. 

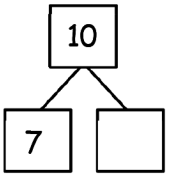

_____

_____

Name _____ Date _____

Fill in the missing part. Draw a math picture if needed. Write the 2 matching subtraction sentences.

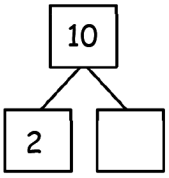
1.




_____

_____

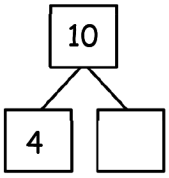
2.




_____

_____

3.




_____

_____

## Read

There are 10 beads on the floor. A student picked up some of the beads but left some on the floor. Write a number bond and a number sentence that would match this story.

**Extension:** What other number bonds and number sentences could match this story? Try to list all of the possibilities.

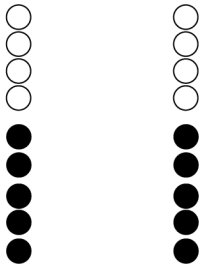
## Draw

# Write

Name _____ Date _____

Solve the sets. Cross off on the 5-groups. Write the related subtraction sentence that would have the same number bond.

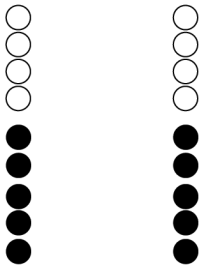
1.



9 – 8 = ___

9 – 1 = ___

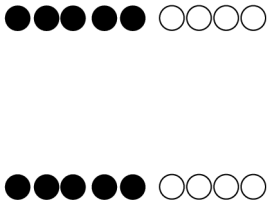
2.



9 – 7 = ___

_____

3.



9 – 9 = ___

_____

Make a 5–group drawing. Solve, and write a related subtraction sentence that would have the same number bond. Cross off to show.

4.

9 – 6 = ___

_____

5.

9 – 4 = ___

_____

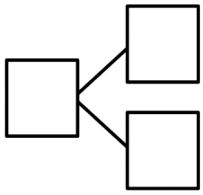
6.

9 – 3 = ___

_____

Subtract. Then, write the related subtraction sentence.
Make a math drawing if needed, and complete a number bond.

7.



9 – 5 = ____

_____

8.

9 – 8 = ____

_____

9.

9 – 7 = ____

_____

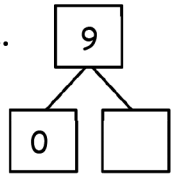
10.

9 – 3 = ____

_____

11. Fill in the missing part. Write the 2 matching subtraction sentences.

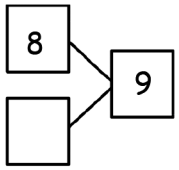
a.




_____

_____

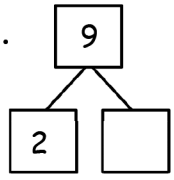
b.




_____

_____

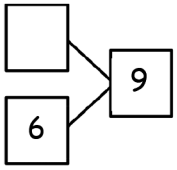
c.




_____

_____

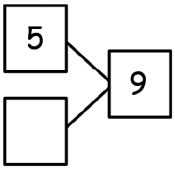
d.




_____

_____

e.



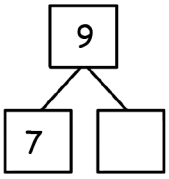

_____

_____

Name _____ Date _____

Fill in the missing part. Draw a math picture if needed. Write the 2 matching subtraction sentences.

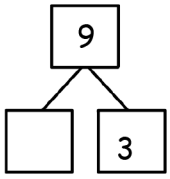
1.




_____

_____

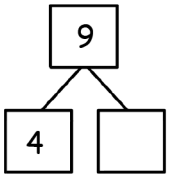
2.




_____

_____

3.




_____

_____

## Read

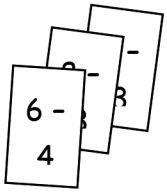
Jessie and Carl were comparing the beads they picked up. Jessie picked up 9 beads. 5 of them were red, and the rest were white. Carl picked up 5 red beads and 4 white beads. Carl said they had the same number of white beads. Is Carl correct?

Draw and label your work to show your thinking.

## Draw

# Write

Name _____ Date _____




Pick a subtraction card.

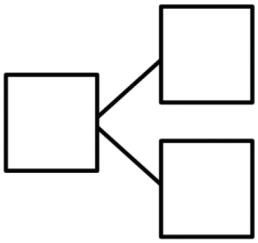
Find the related addition fact on the chart and shade it in.

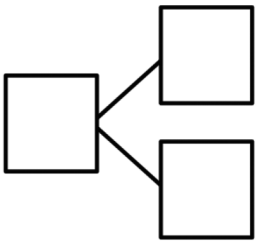
Write the subtraction sentence and a number bond to match.

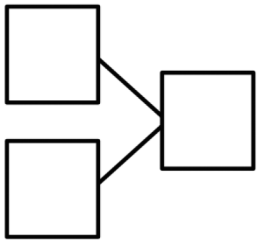
Continue for at least 6 turns.

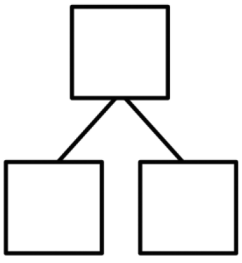
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 + 9 | | | | | | | | | |
| 1 + 8 | 2 + 8 | | | | | | | | |
| 1 + 7 | 2 + 7 | 3 + 7 | | | | | | | |
| 1 + 6 | 2 + 6 | 3 + 6 | 4 + 6 | | | | | | |
| 1 + 5 | 2 + 5 | 3 + 5 | 4 + 5 | 5 + 5 | | | | | |
| 1 + 4 | 2 + 4 | 3 + 4 | 4 + 4 | 5 +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

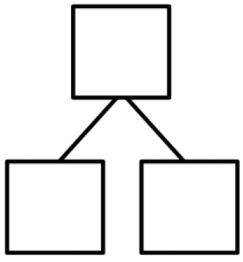
On your addition chart, shade a square orange. Write the related subtraction fact in a space below with its number bond. Color all the totals orange.

1. _____ – _____ = _____ 

2. _____ – _____ = _____ 

3. _____ – _____ = _____ 

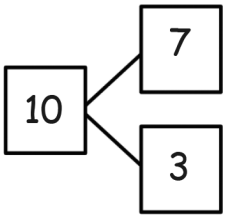
4. _____ = _____ – _____ 

5. _____ = _____ – _____ 

Name _____ Date _____

Write the related number sentences for the number bonds.

1.



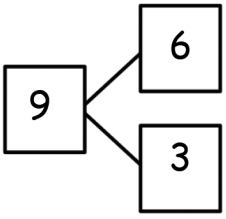

_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

2.




_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

## Read

John has 10 pencils. Mark has 9 pencils. Anna has 8 pencils. They each lost two of their pencils. How many do they each have now? Write a number bond and number sentence for each student.

## Draw

# Write

Name _____ Date _____

Study the addition chart to solve and write related problems.

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

Pick a subtraction card.

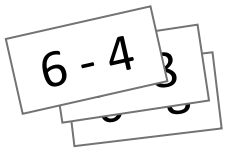
Find the related addition fact on the chart and shade it in.

Write the subtraction sentence and the shaded addition sentence.

Write the other two related facts.

Continue for at least 4 turns.

Choose an expression card, and write 4 problems that use the same parts and totals. Shade the totals orange.




6 - 4 = 2
4 + 2 = 6
2 ⊕ 4 = 6
6 ⊖ 2 = 4

1. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

2. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

3. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

4. ____ - ____ = ____

____ + ____ = ____

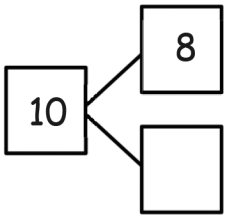
____ ◯ ____ = ____

____ ◯ ____ = ____

Name _____ Date _____

Write the fact family for the number bonds.

1.



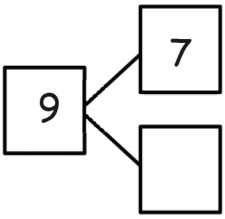

_____ - _____ = _____

_____ + _____ = _____

_____ ○ _____ = _____

_____ ○ _____ = _____

2.




_____ - _____ = _____

_____ + _____ = _____

_____ ○ _____ = _____

_____ ○ _____ = _____

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OER K–5 Math

EDITION 1

ENGLISH

# LEARN

## SUMS AND DIFFERENCES TO 10

**G1 | MODULE 1** | STUDENT EDITION

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