EUREKA MATH

A STORY OF UNITS

Mathematics Curriculum

Grade 1 • MODULE 1

Sums and Differences to 10

Problem Sets

Info for parents: http://bit.ly/pusdmath

Video tutorials: http://embarc.online

Version 3

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GRADE 1 • MODULE 1

Sums and Differences to 10

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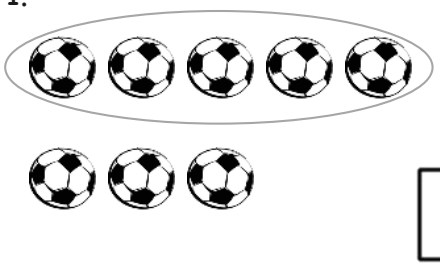
Name _____ Date _____

Circle 5, and then make a number bond.

1.



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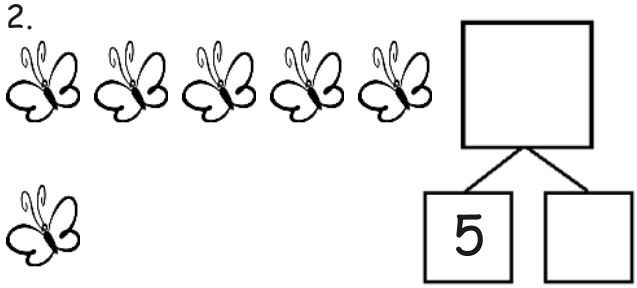

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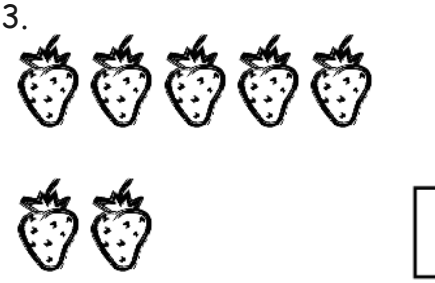

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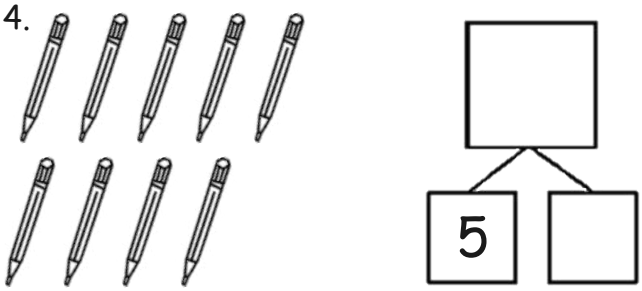
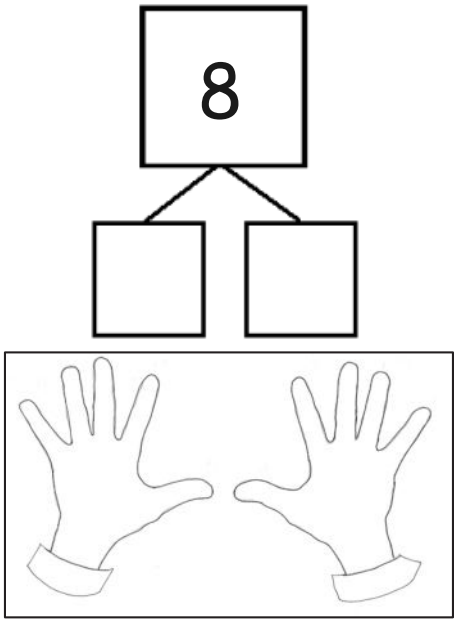


Put nail polish on the number of fingernails shown from left to right. Then, fill in the parts. Make the number of fingernails on one hand a part.

5.



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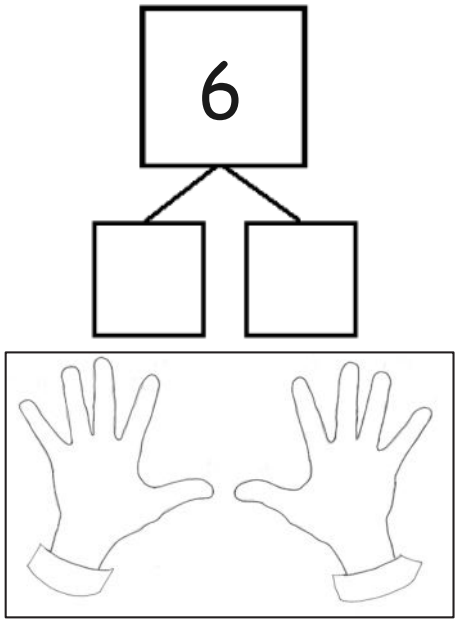

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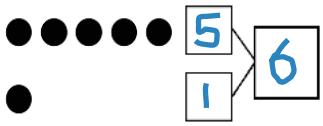
Make a number bond that shows 5 as one part.



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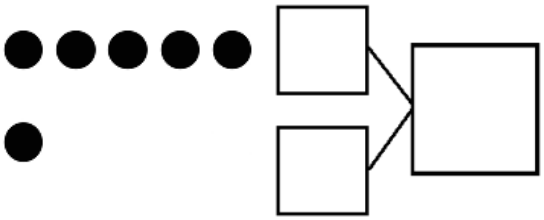

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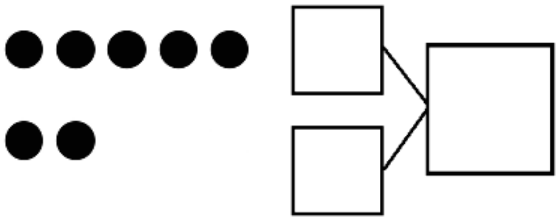

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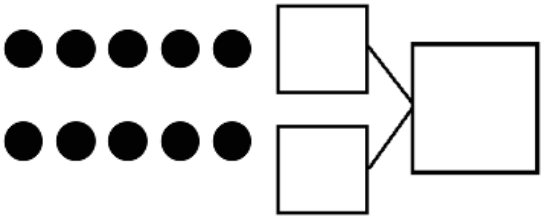

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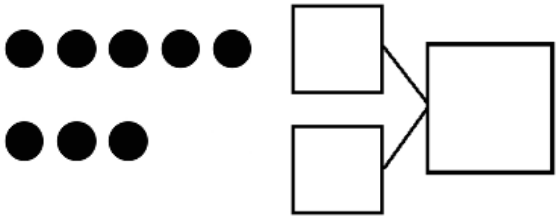

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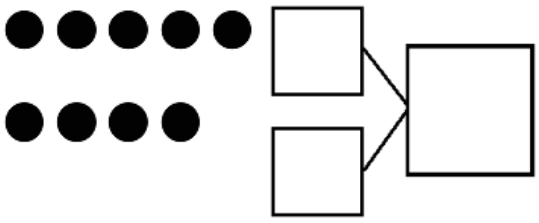

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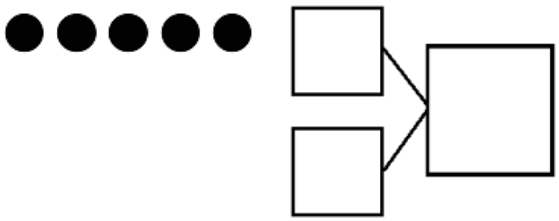

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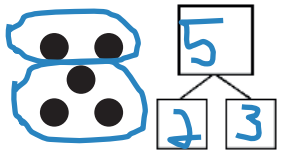
Circle 2 parts you see. Make a number bond to match.



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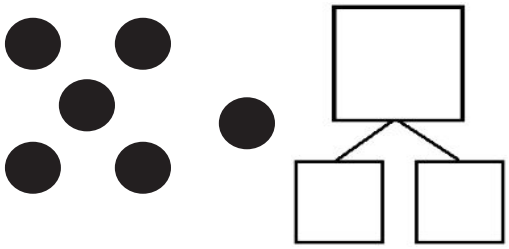

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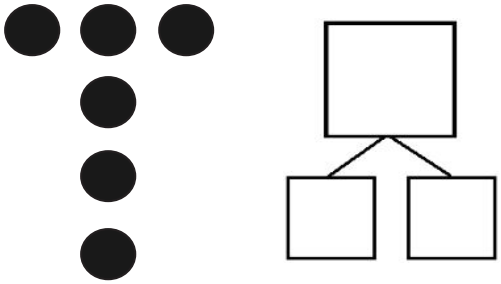

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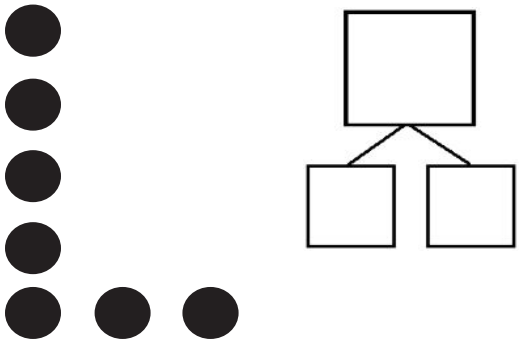

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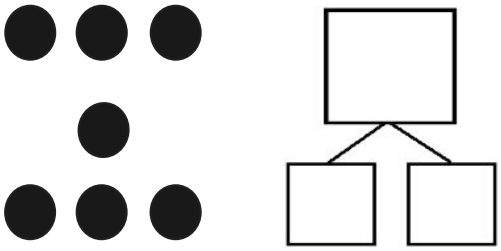

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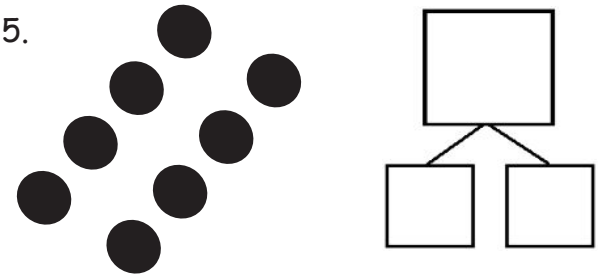

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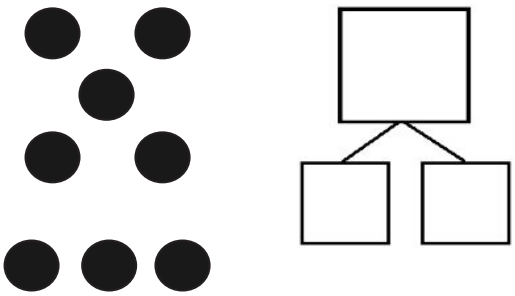

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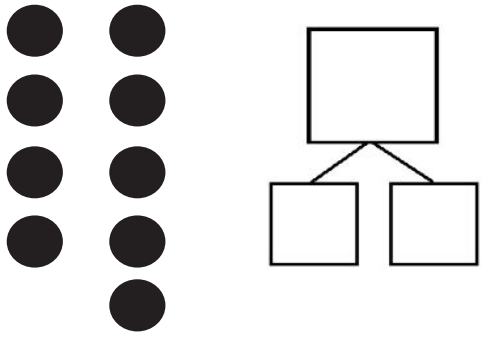
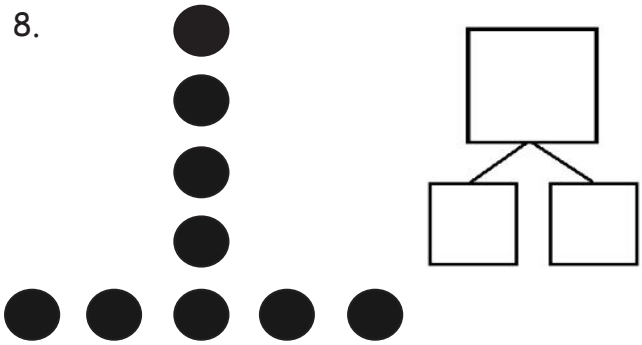
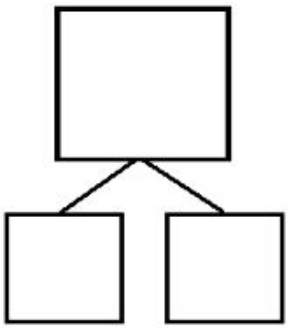
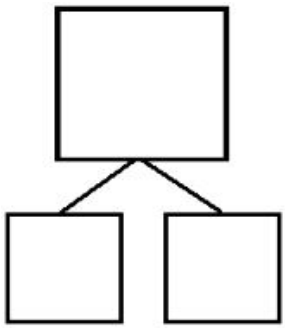
7. 

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.





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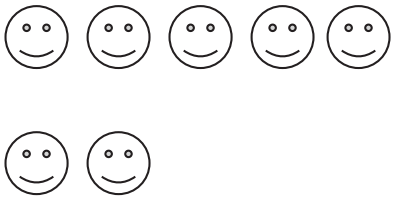
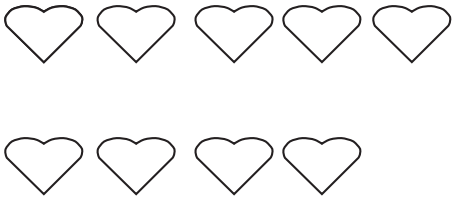
Draw one more in the 5-group. In the box, write the numbers to describe the new picture.

1. 

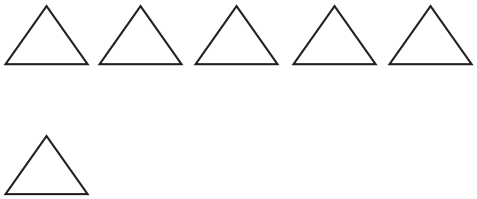
1 more than 7 is _____.

7 + 1 = _____

2. 

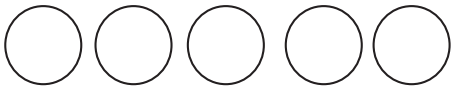
1 more than 9 is _____.

9 + 1 = _____

3. 

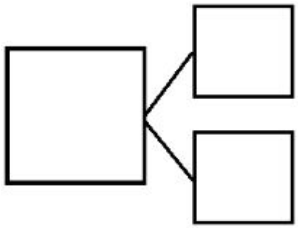
1 more than 6 is _____.

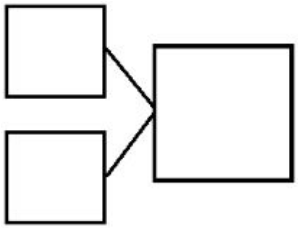
6 + 1 = _____

4. 

1 more than 5 is _____.

5 + 1 = _____





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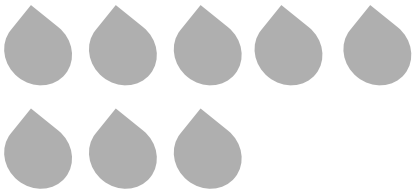
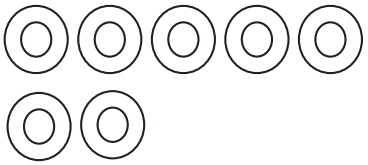
5. 

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.

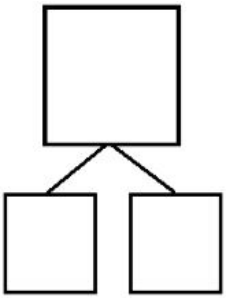
_____ = 6 + 1

8. 

_____ is 1 more than 5.

_____ = 5 + 1

9. Imagine adding 1 more backpack to the picture. Then, write the numbers to match how many backpacks there will be.



1 more than 7 is _____.

_____ + 1 = _____

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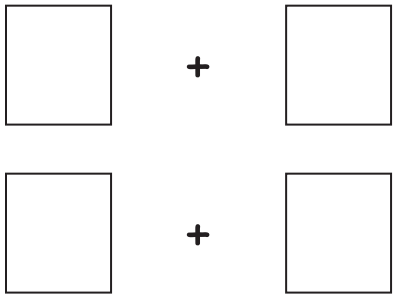
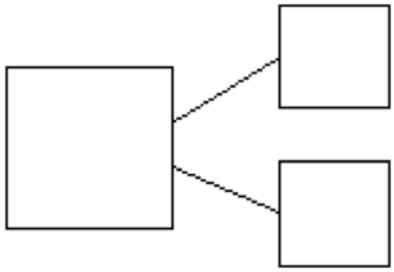
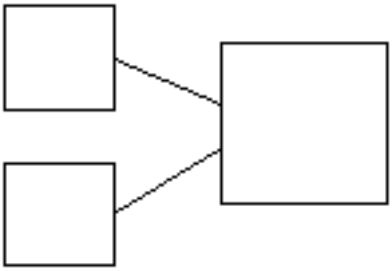
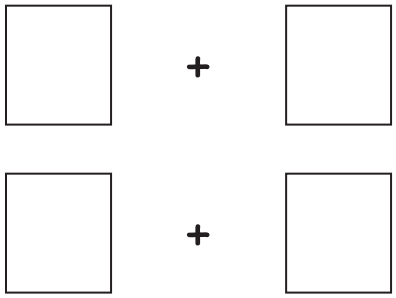
Ways to Make 6.

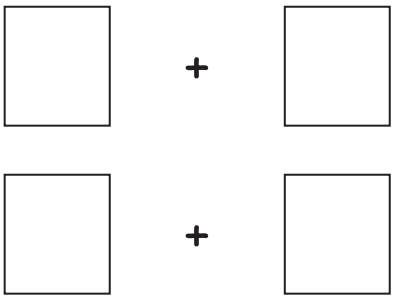
Use the apple picture to help you write all of the different ways to make 6.

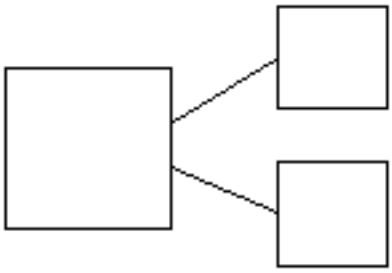


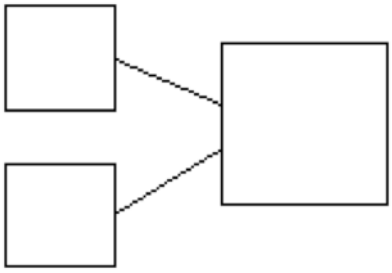


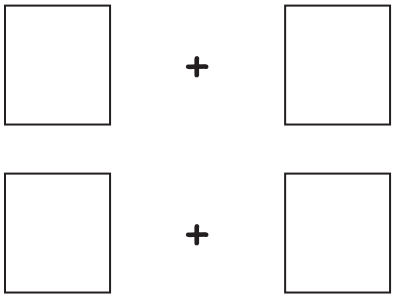












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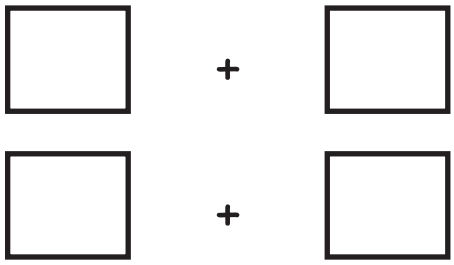
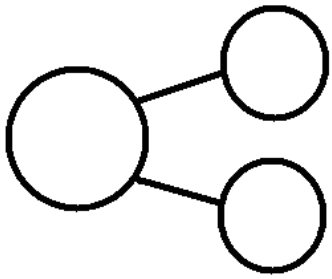
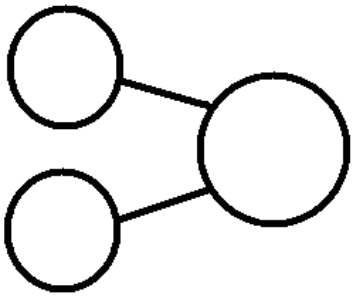
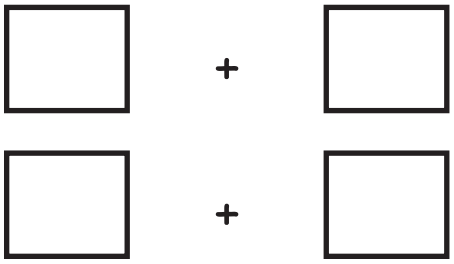
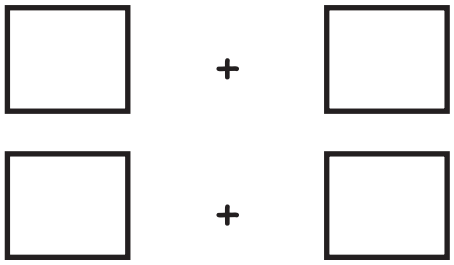
Ways to Make 7. Use the classroom picture to help you write the expressions and number bonds to show all of the different ways to make 7.

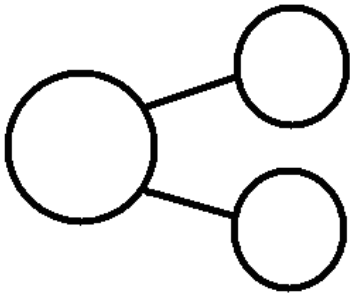


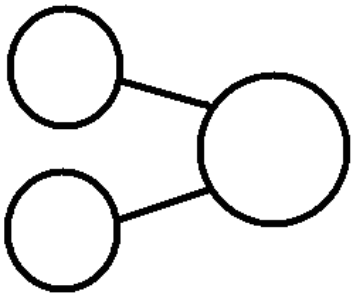


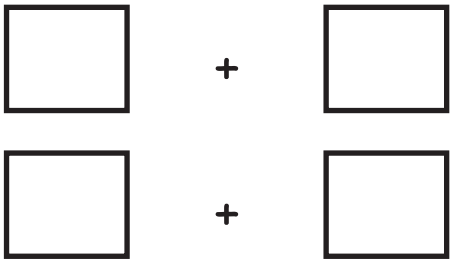












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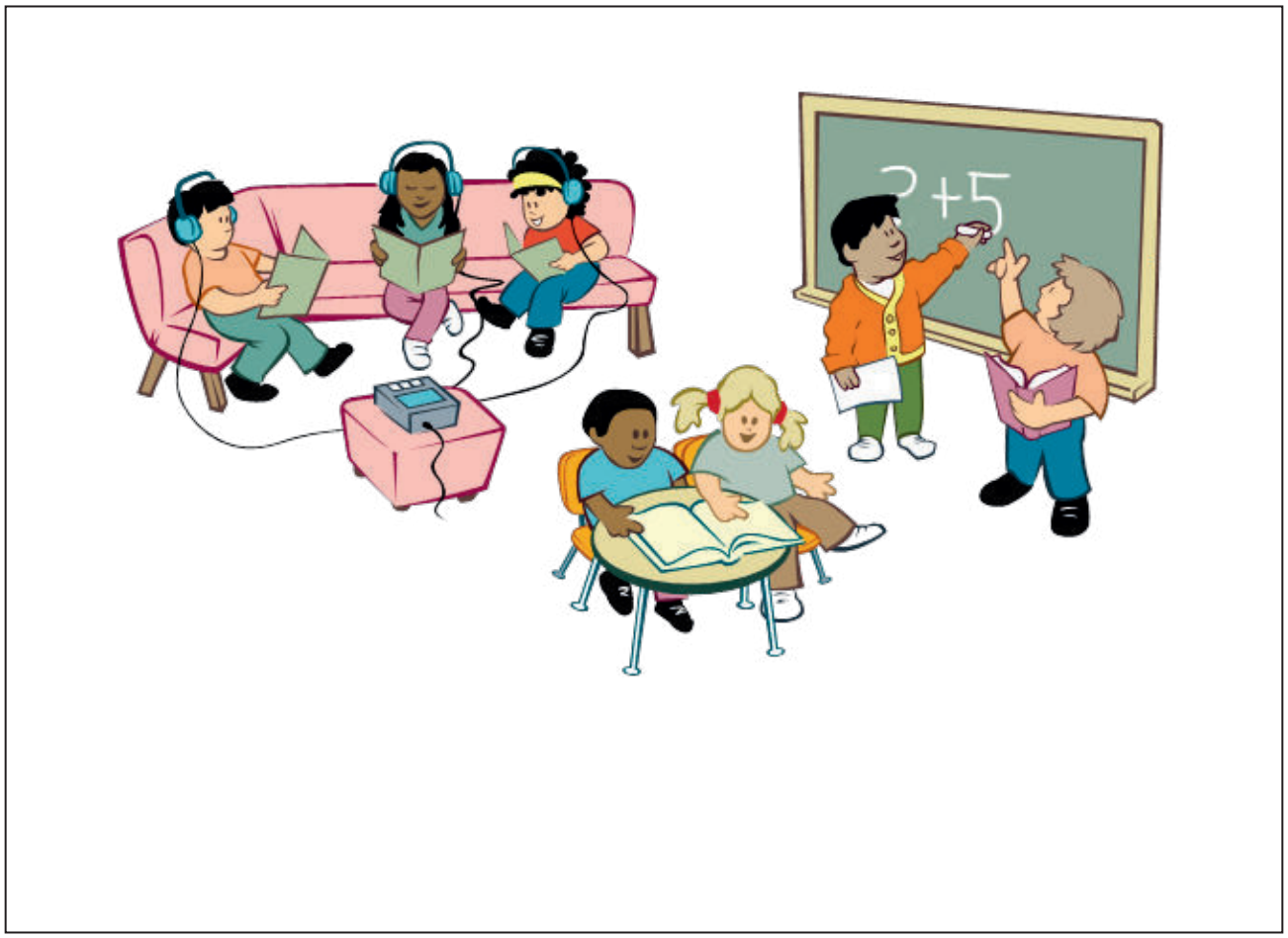

7 children picture card

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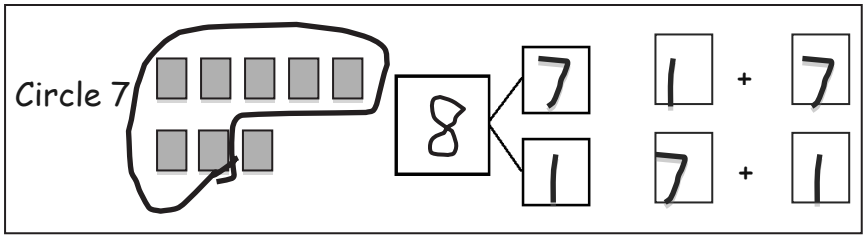
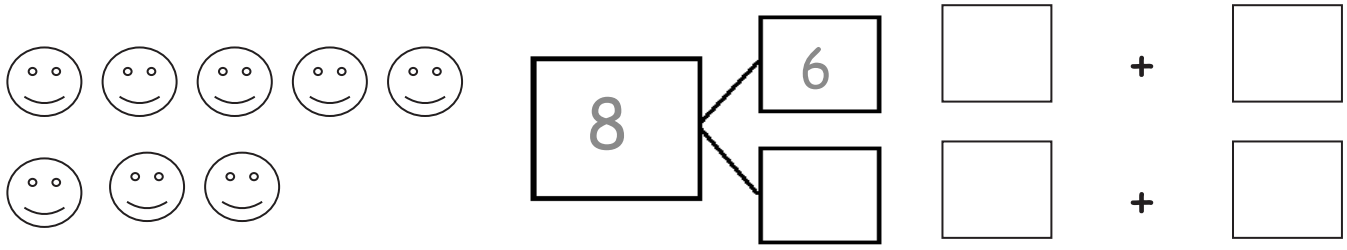
Name _____ Date _____

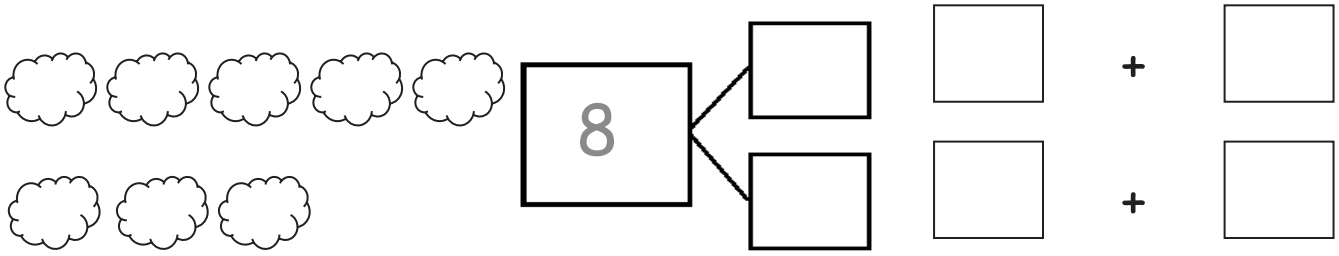
Circle the part. Count on to show 8 with the picture and number bond. Write the expressions.



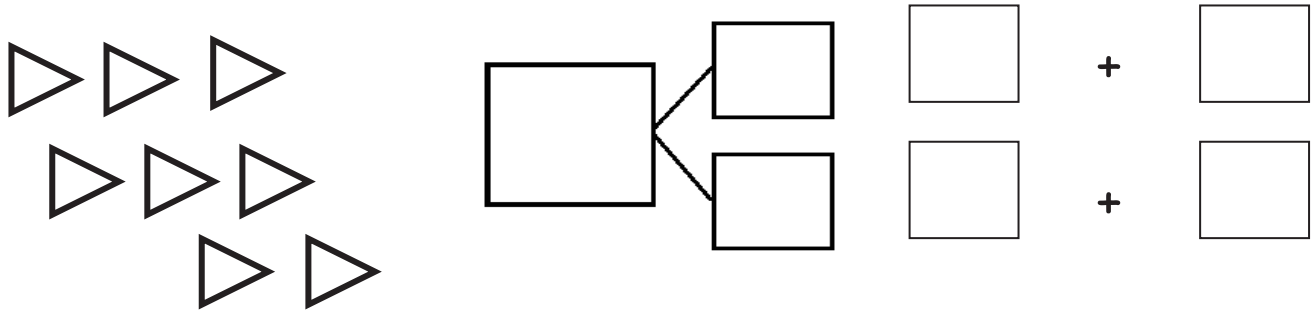
1. Circle 6. How many more does 6 need to make 8?



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



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



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

a. 8 (8, 0)

b. 8 (7, ___)

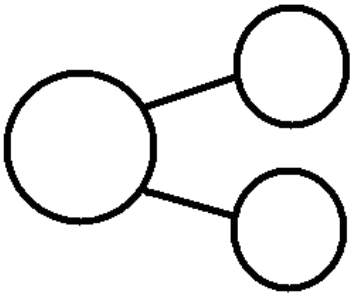
c. 8 (6, ___)

d. 8 (___, 3)

e. 8 (___, ___)

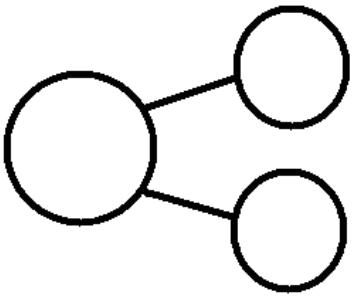
5. Use the expression to write a number bond and draw a picture that makes 8.

3 + 5



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

8 + 0



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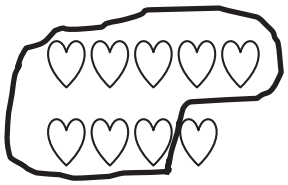
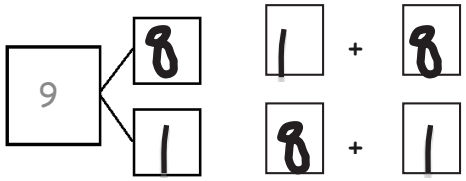
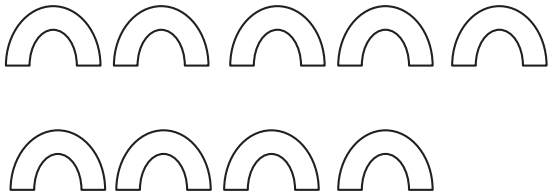
Circle the part. Count on to show 9 with the picture and number bond. Write the expressions.

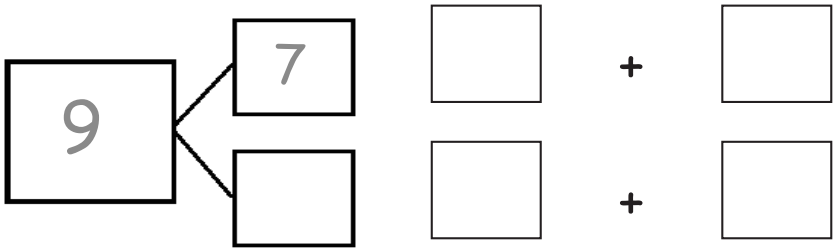
Circle 8.



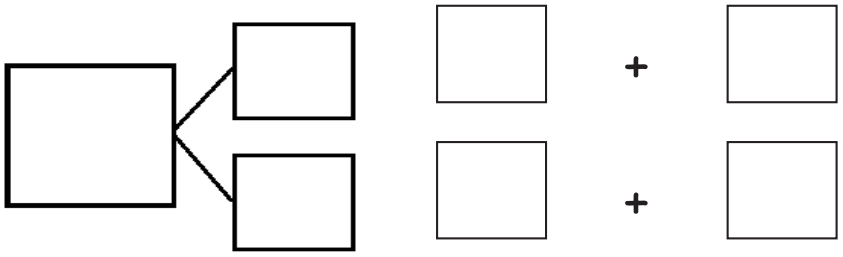


1. Circle 7. How many more does 7 need to make 9?

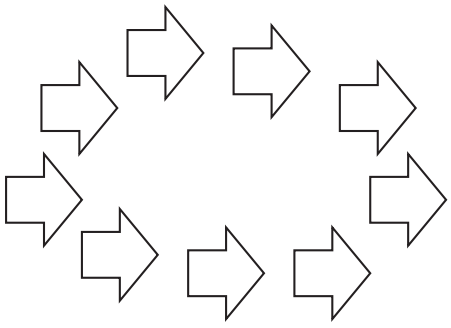


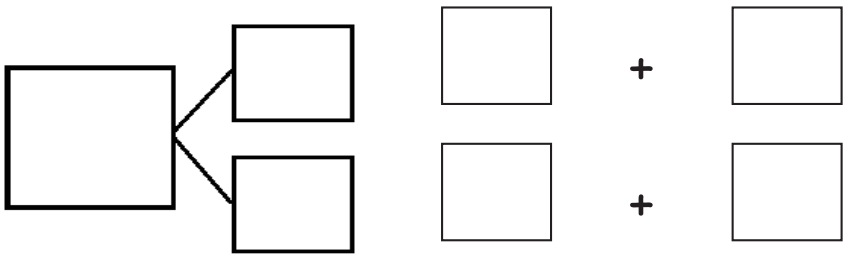


2. Circle 4. How many more does 4 need to make 9?



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





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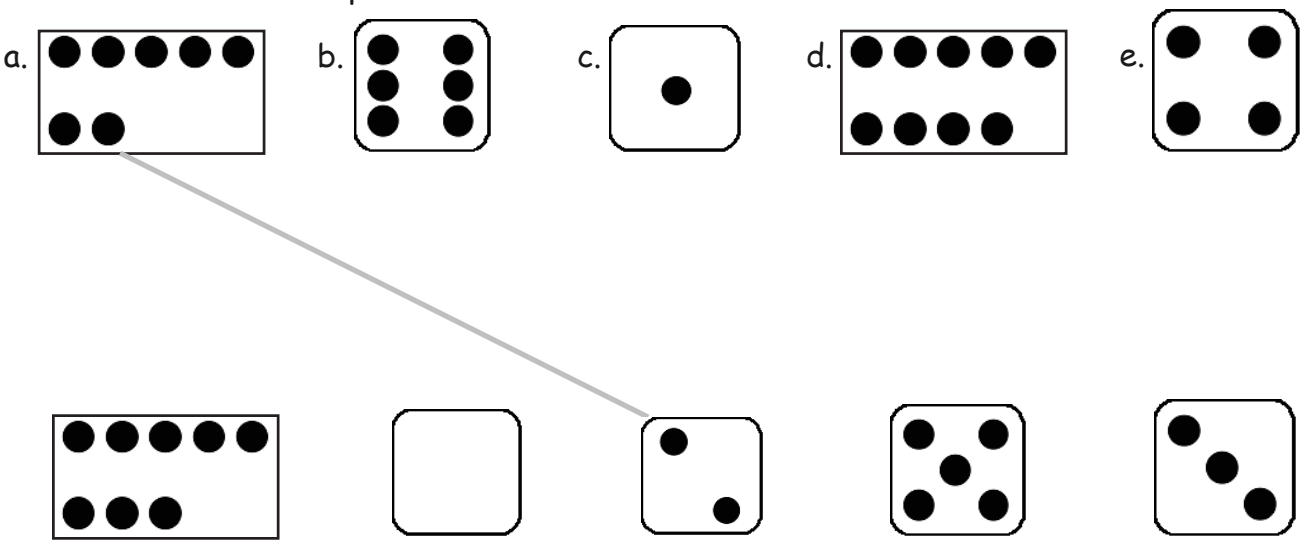
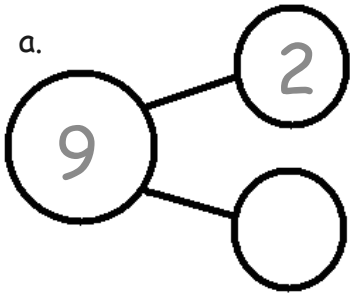
4. Draw a line to show partners of 9.

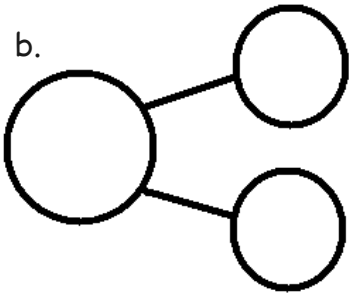


5. Write a number bond for each partner of 9. Use the partners above for help.

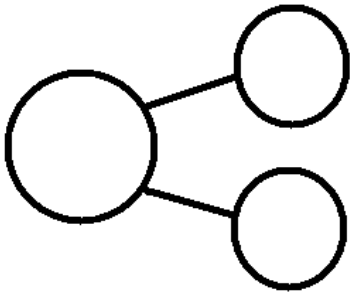
a.



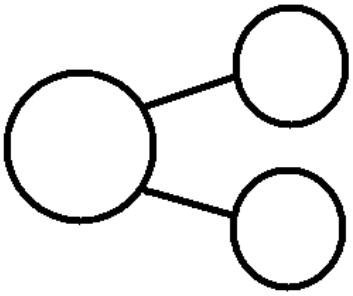
b.



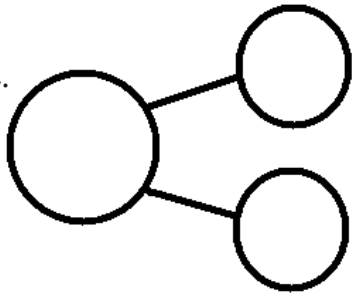
c.



d.



e.



Write number sentences to match this number bond!

___ + ___ = ___

___ + ___ = ___

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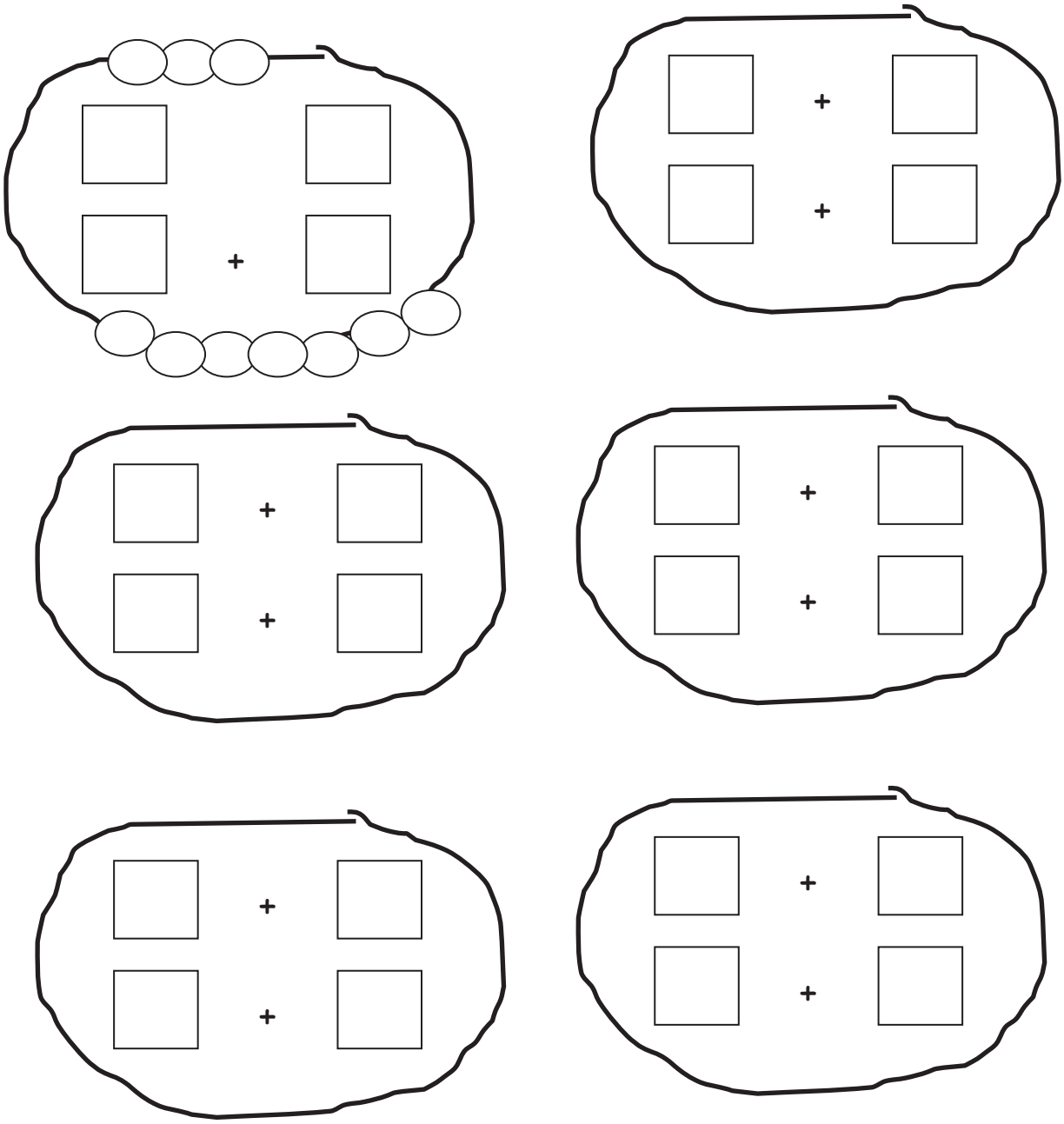
1. Use your bracelet to show different partners of 10. Then, draw the beads. Write an expression to match.



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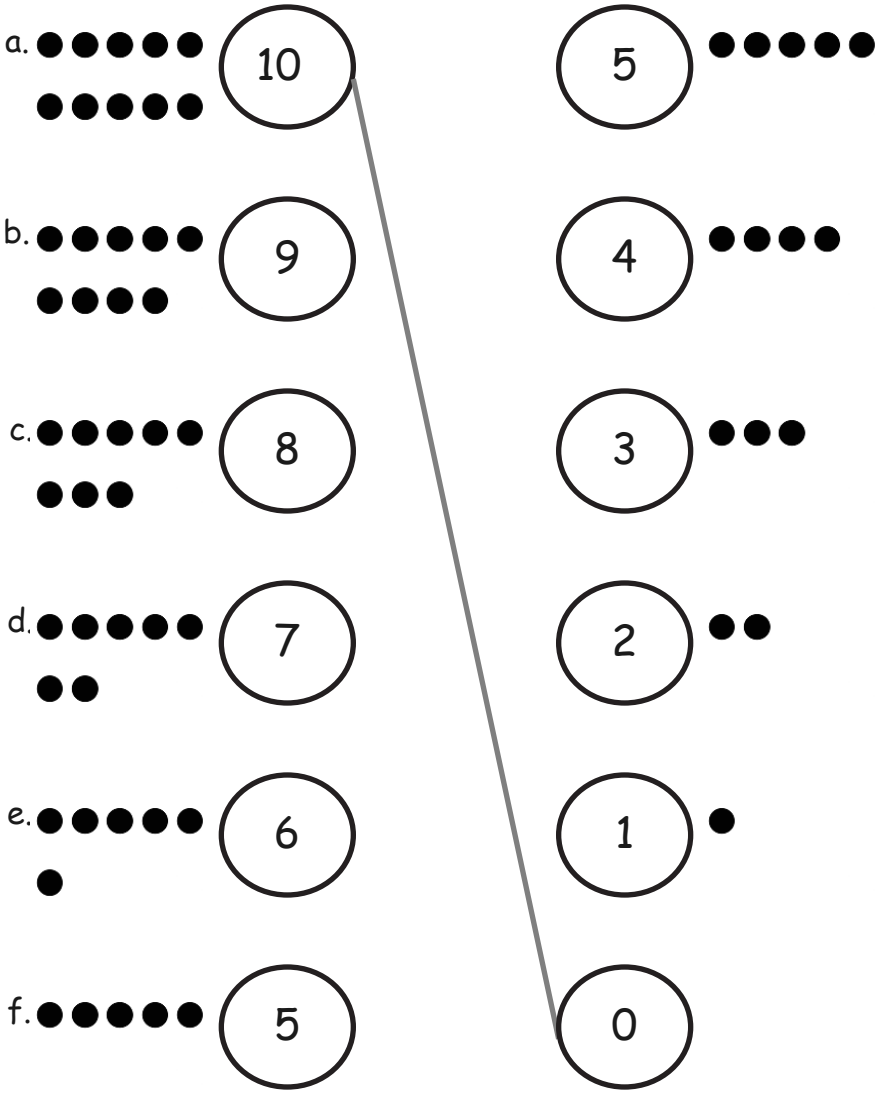
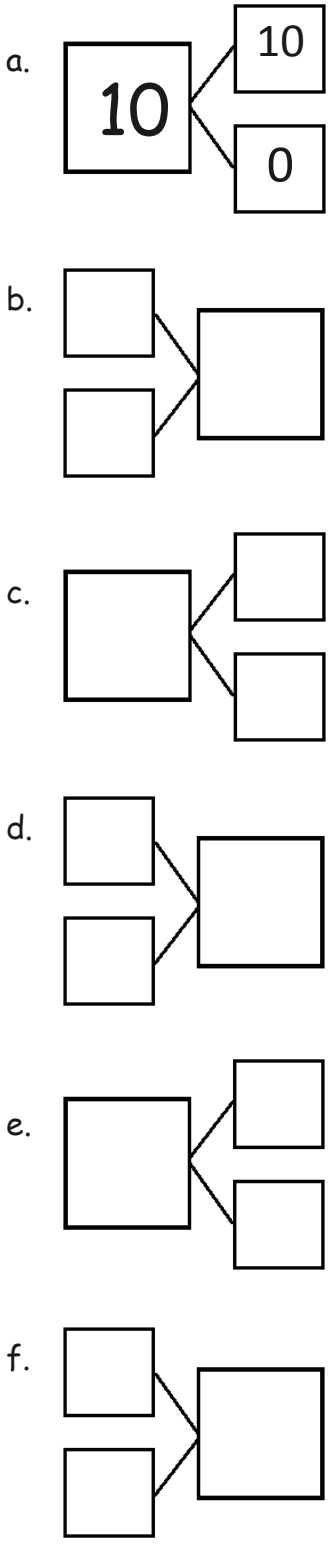
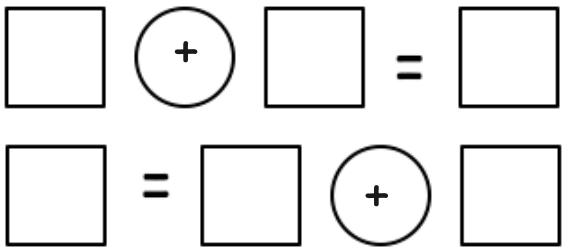
2. Match the partners of 10. Then, write a number bond for each partner.





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



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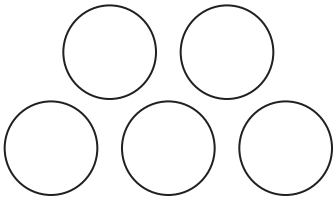
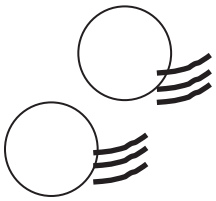
Name _____ Date _____

1.

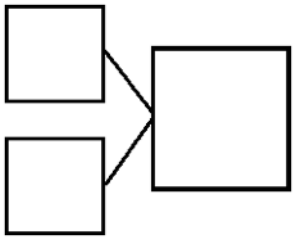




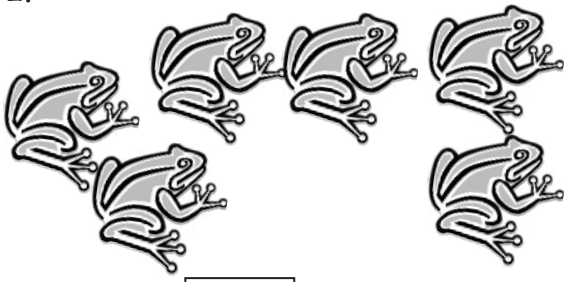
☐ + ☐ = ☐

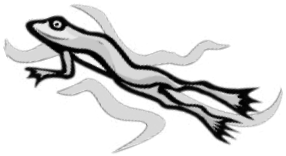
_____ balls are here. _____ more roll over. Now, there are _____ balls.

Make a number bond to match the story.



2.

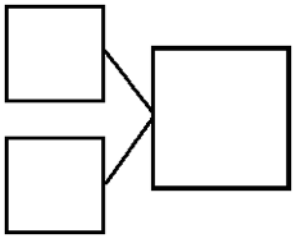




☐ + ☐ = ☐

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

Make a number bond to match the story.



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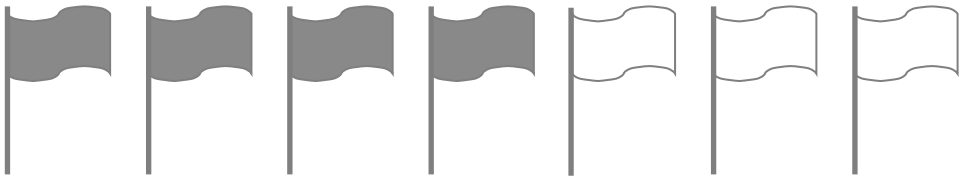
3.

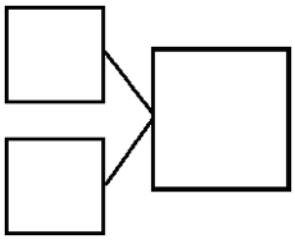


☐ + ☐ = ☐

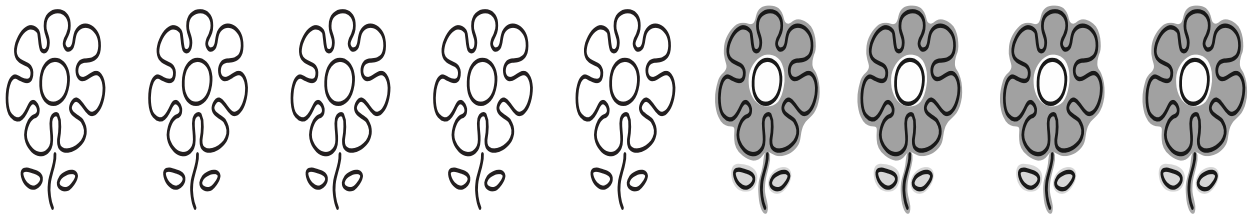
There are _____ dark flags. There are ___ white flags.

Altogether, there are _____ flags.

Make a number bond to match the story.



4.

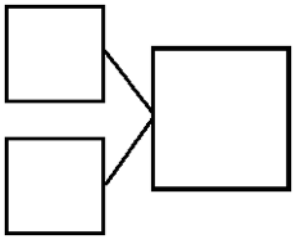


☐ + ☐ = ☐

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

Altogether, there are _____ flowers.

Make a number bond to match the story.



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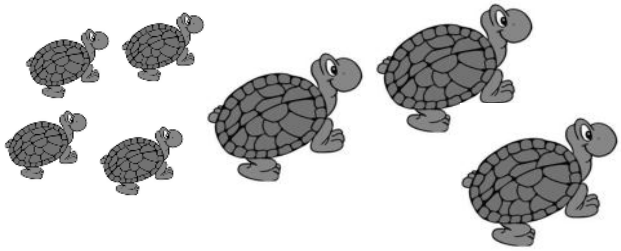
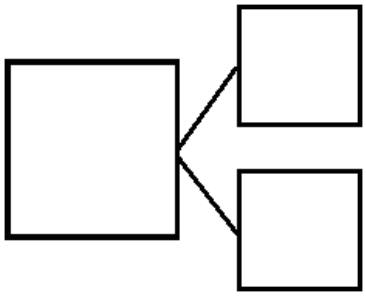
Name _____ Date _____

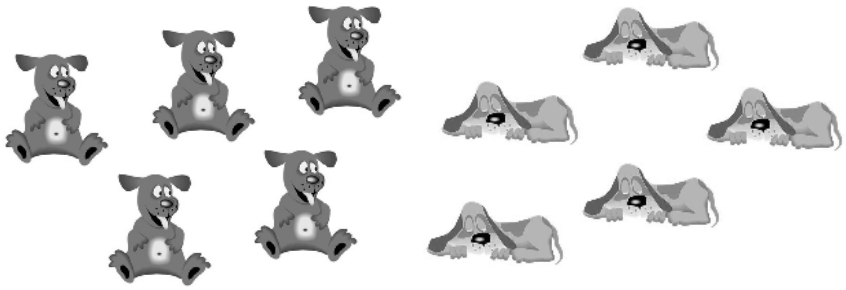
1. Use the picture to write the number sentence and the number bond.

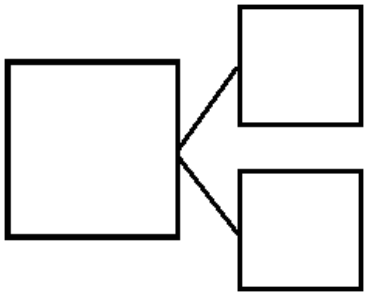




_____ little turtles + _____ big turtles = _____ turtles

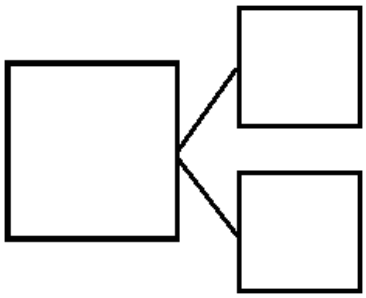
2.





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

3.



_____ pigs + _____ pigs in mud = _____ pigs

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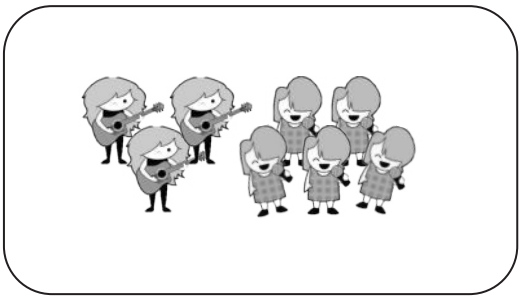
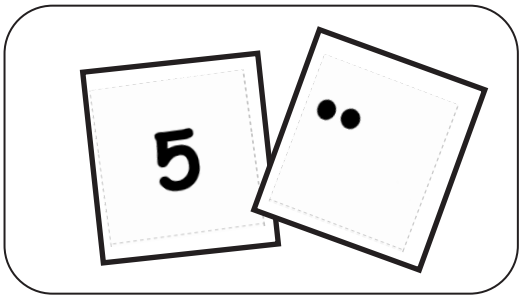
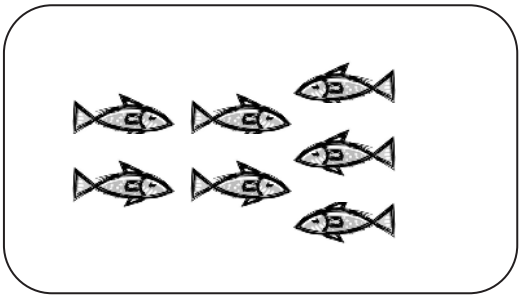
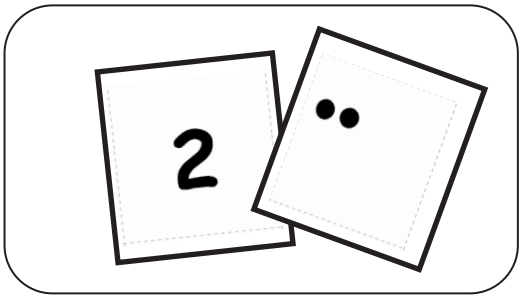
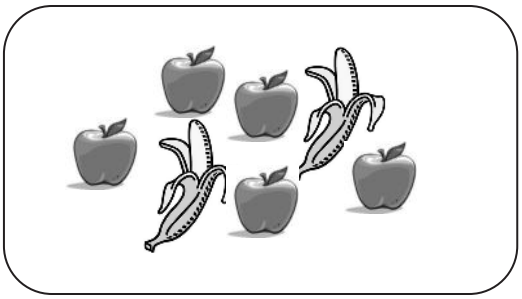
4. Draw a line from the picture to the matching 5-group cards.

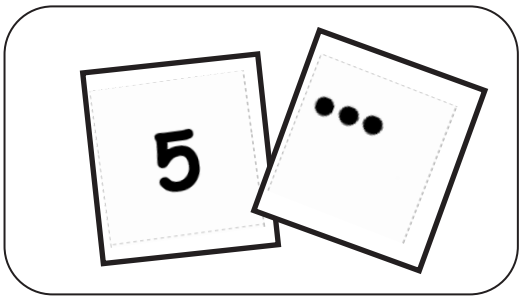
a. 



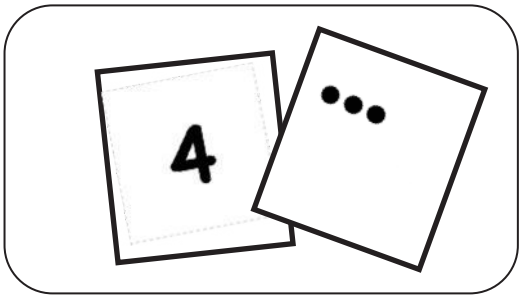
b. 



c. 



d. 



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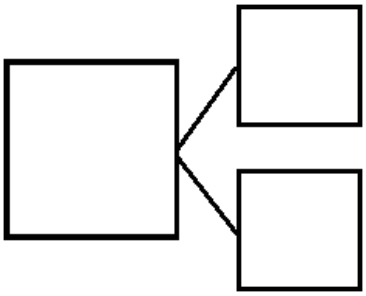
Name _____ Date _____

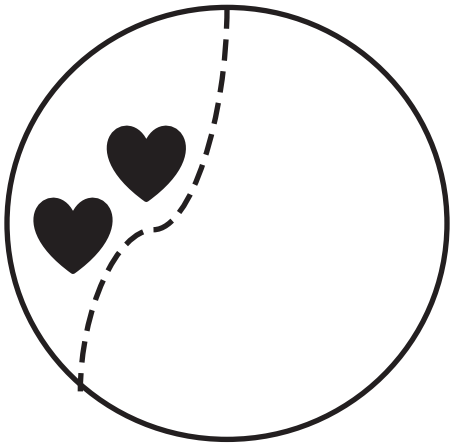
1. Jill was given a total of 5 flowers for her birthday. Draw more flowers in the vase to show Jill's birthday flowers.

How many flowers did you have to draw? ___ flowers

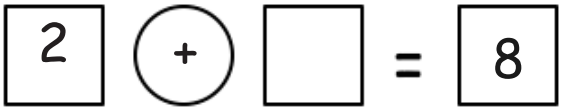
Write a number sentence and a number bond to match the story.

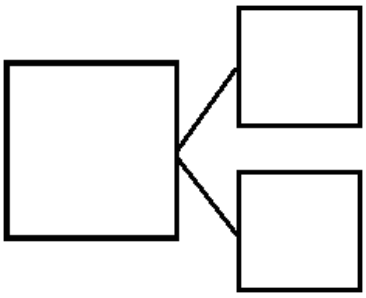


2. Kate and Nana were baking cookies. They made 2 heart cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and count on to show the story.



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





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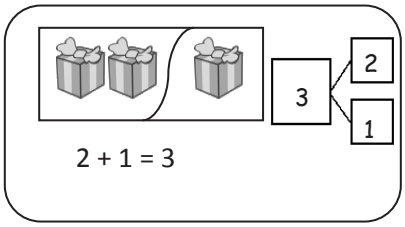
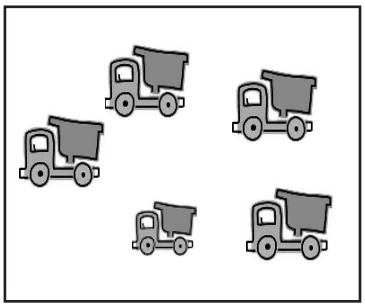
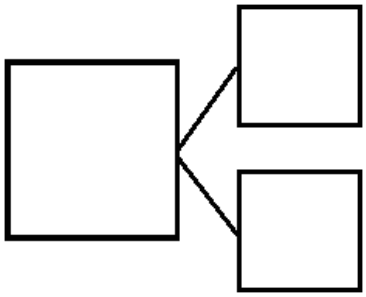
Show the parts. Write a number bond to match the story.



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?





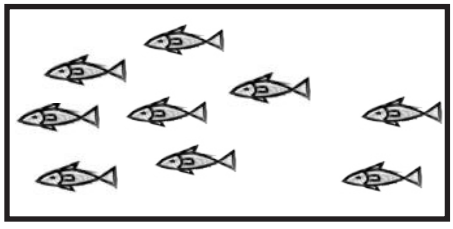
James brought over _____ trucks.

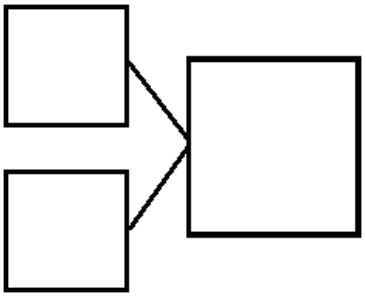
Write a number sentence to explain the story.

2 + ☐ = 5

---

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.

☐ + ☐ = ☐

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Name _____ Date _____

Use your

5-group cards

Fill in the missing numbers.

1.

?

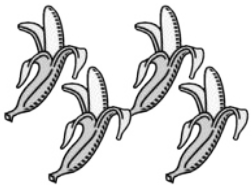
3 + ____ = 5

2.

?

5 + ____ = 9

3.



?

4 + ____ = 10

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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.

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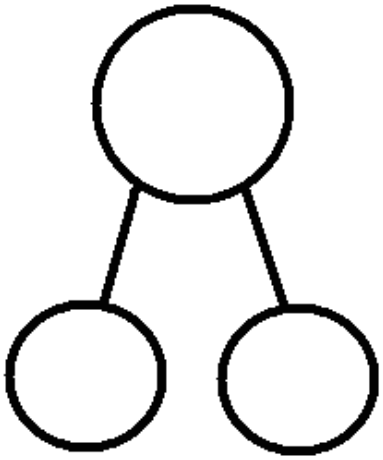
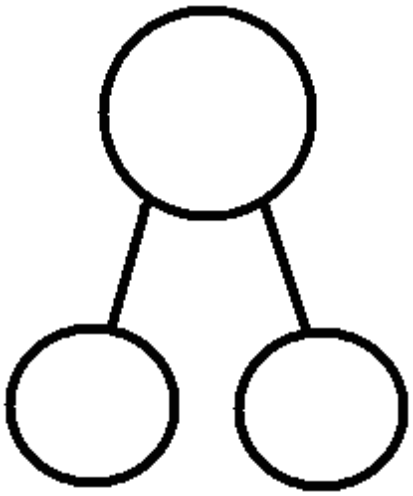
Name _____ Date _____

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 = ☐



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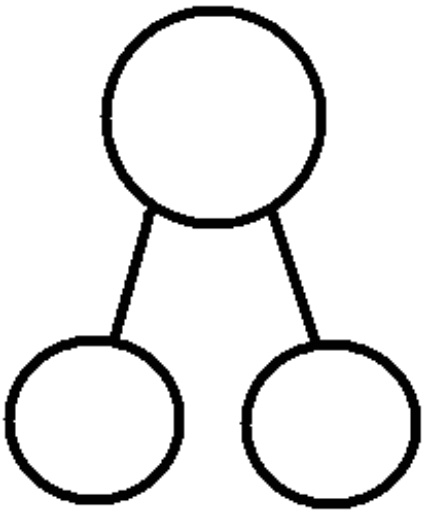
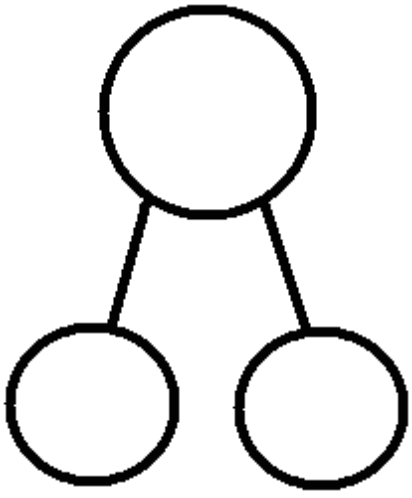
3. $5 + \square = 7$



4. $6 + \square = 10$



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G1-M1-SE-1.3.0-05.2015

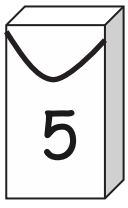
Name _____ Date _____

1. Count on to add.

□ + □ = □ There are ____ flowers altogether.

2. 

□ = □ + □ There are ____ oranges in all.

3. 

□ = □ + □ There is a total of ____ crayons.

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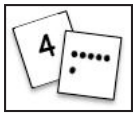


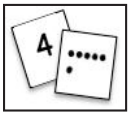
4. Use your 5-group cards to count on to add. Try to use as few dot cards as you can.

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

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Name _____ Date _____

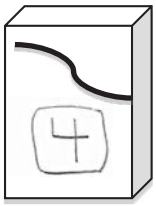
1. Count on to add.

a. 

□ + □ = □ There are ____ crayons altogether.

b. 

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

c. 

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

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2. What shortcut or efficient strategy can you find to add?

a. 4 + 1 = ☐

b. 4 + 3 = ☐

c. 7 + 1 = ☐

d. ☐ = 6 + 2

e. ☐ = 5 + 3

f. ☐ = 3 + 6

g. ☐ = 3 + 7

h. 2 + 5 = ☐

i. 7 + 2 = ☐

j. 7 + 3 = ☐

k. ☐ = 4 + 2

l. ☐ = 2 + 5

m. ☐ = 6 + 2

n. ☐ = 2 + 8

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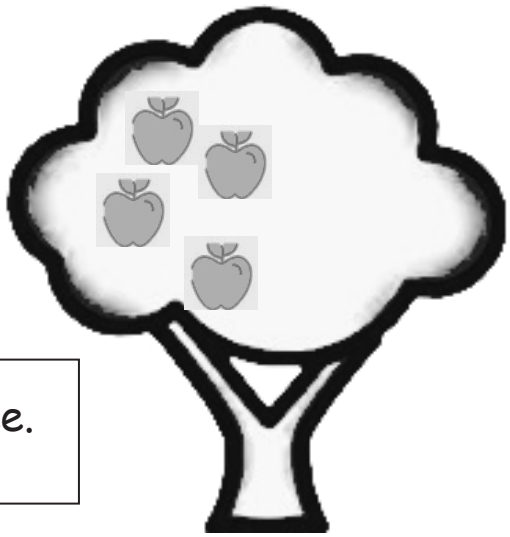
Name _____ Date _____

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

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3 + 1 = 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

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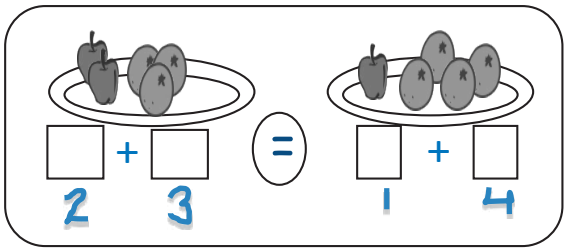
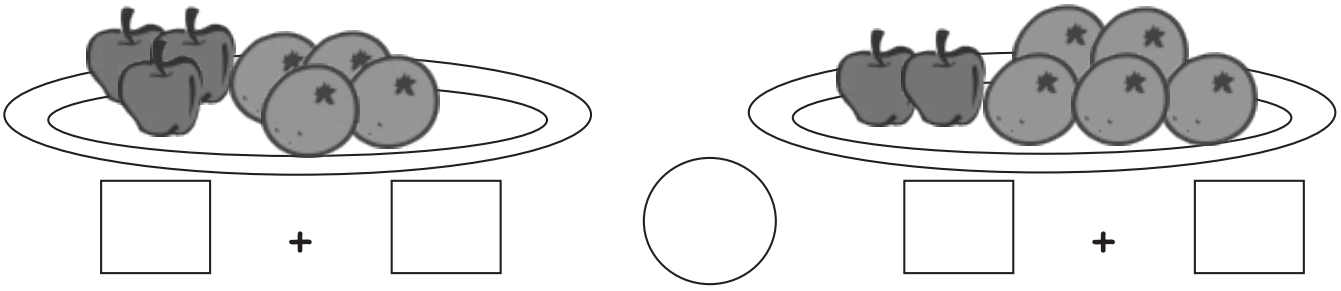
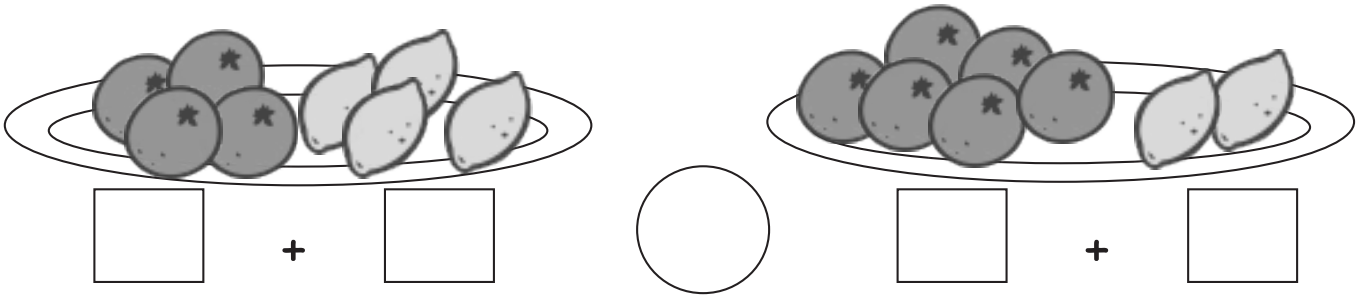
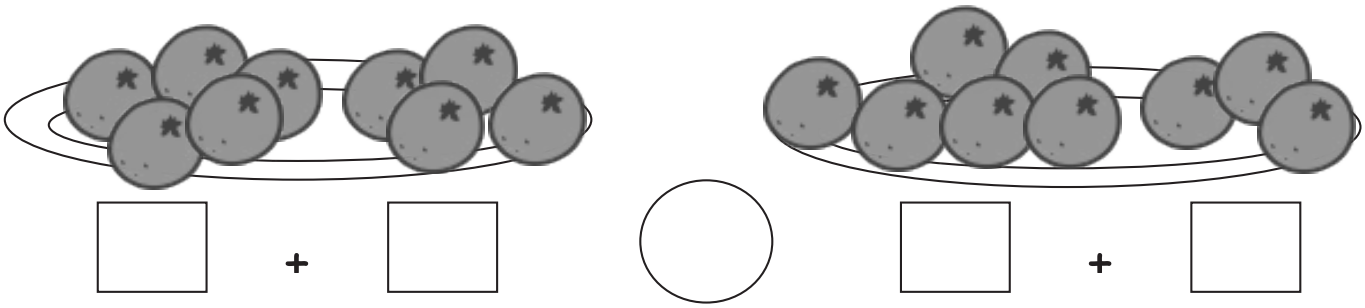
Name _____ Date _____

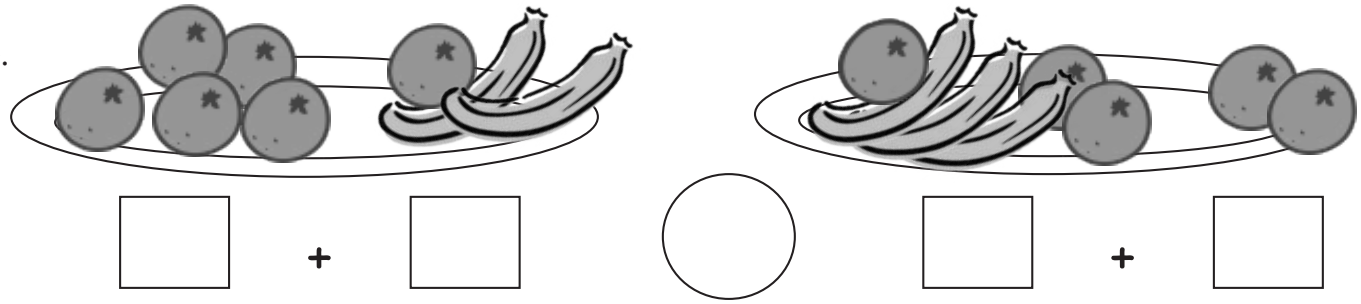
Write an expression that matches the groups on each plate. If the plates have the same amount of fruit, write the equal sign between the expressions.



1. 

2. 

3. 

4. 

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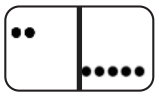
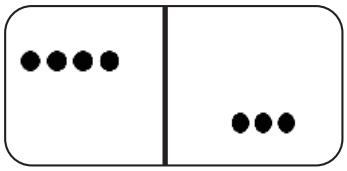
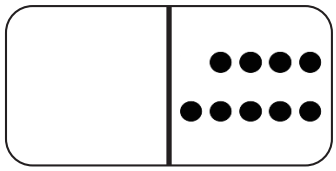
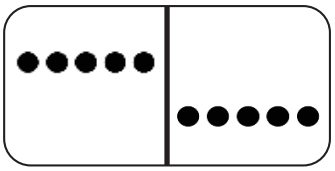


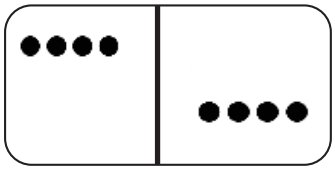
5. Write an expression to match each domino.

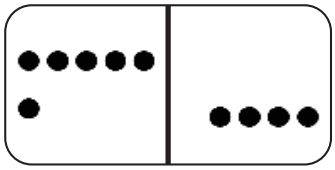
2+5

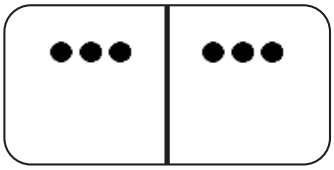
a. 

b. 

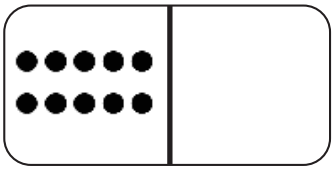
c. 

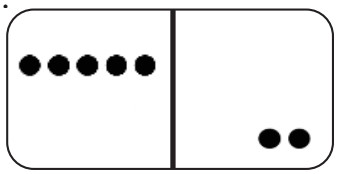
d. 

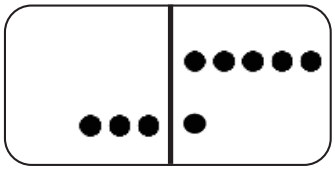
e. 

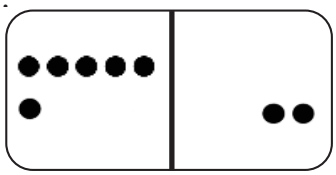
f. 

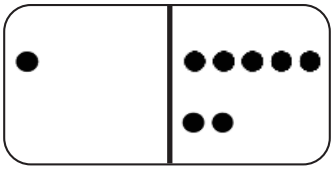
g. Find two sets of expressions from (a)–(f) that are equal. Connect them below with = to make true number sentences.

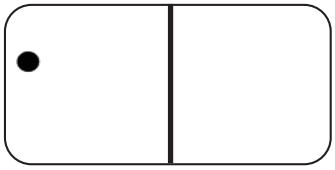
6. a. 

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.

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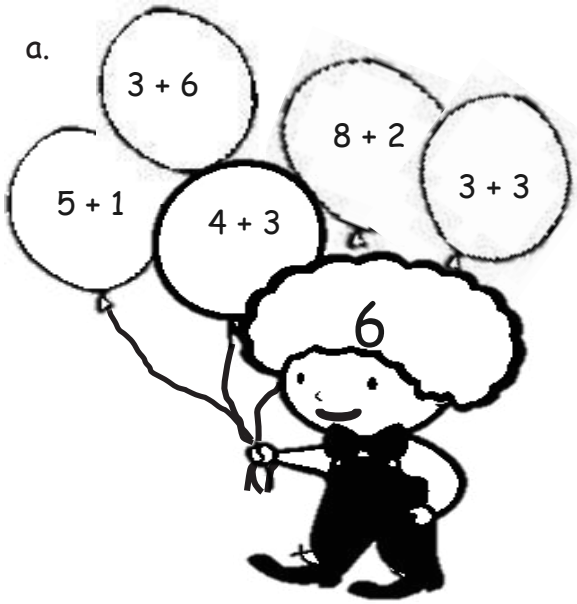
Name _____ Date _____

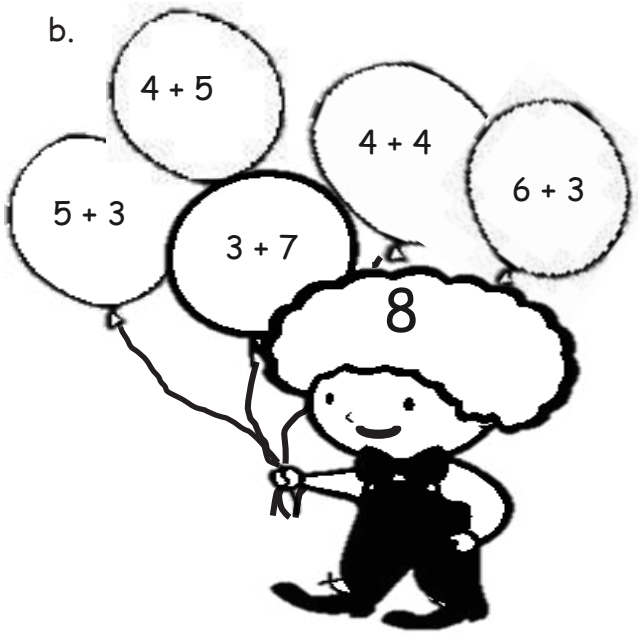
1. Add. Color the balloons that match the number in the boy's mind. Find expressions that are equal. Connect them below with = to make true number sentences.

a.



_____

b.



_____

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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 + ___ ☐

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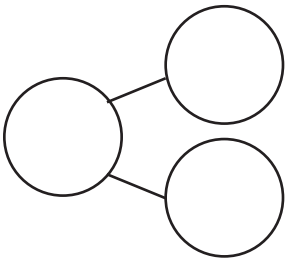
Name _____ Date _____

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

a.



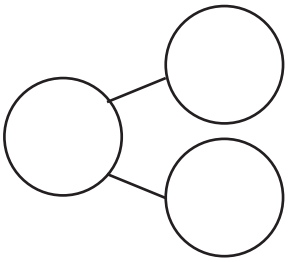
□ + □ = 5

□ + □ = 5

□ = □ + □

□ = □ + □

b.



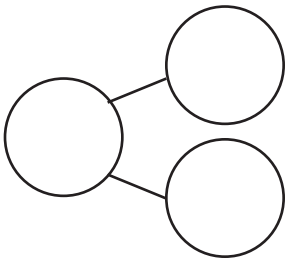
□ + □ = 8

□ + □ = □

8 = □ + □

□ = □ + □

c.



□ + □ = □

□ + □ = □

□ = □ + □

□ = □ + □

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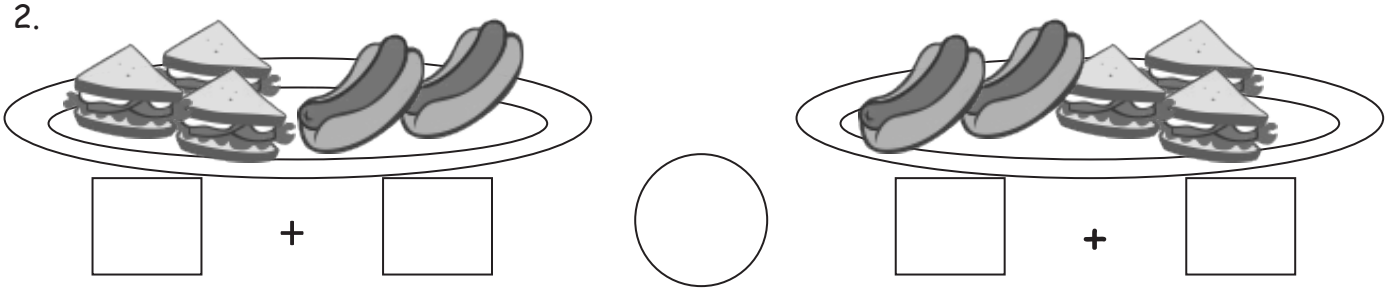
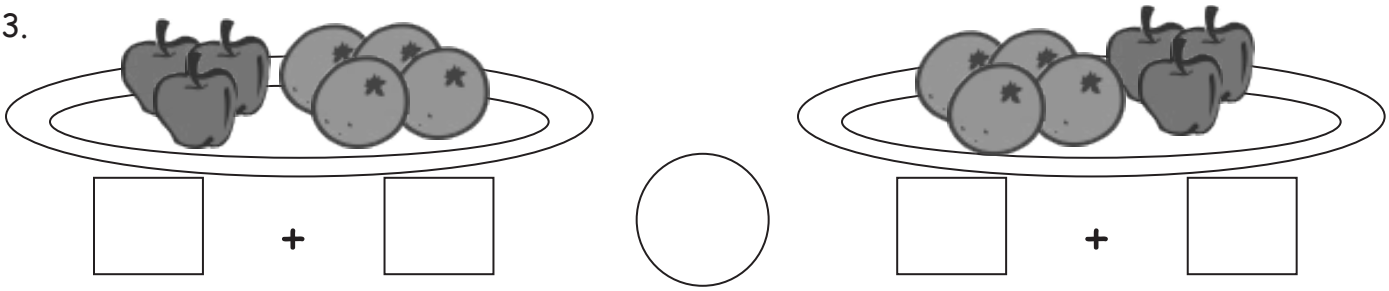
Write the expression under each plate. Add the equal sign to show they are the same amount.

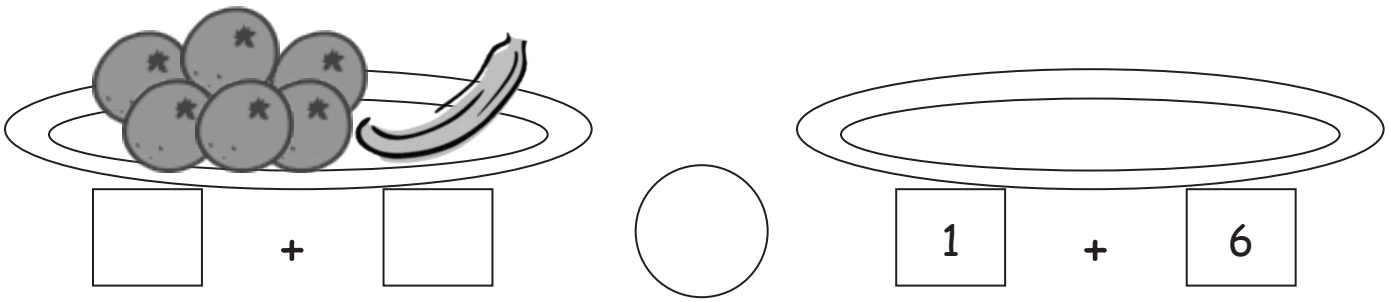
2.



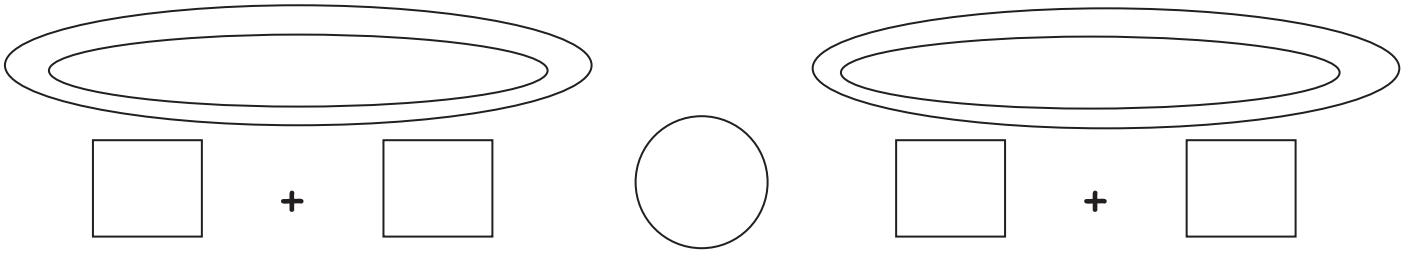
3.



4. Draw to show the expression.



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



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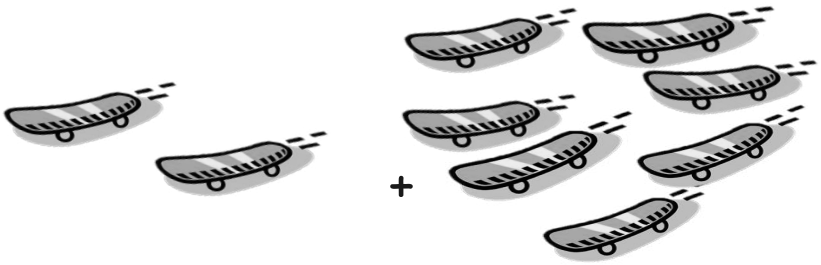
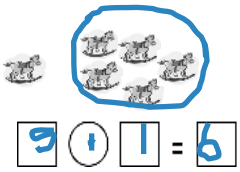
Name _____ Date _____

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

1.

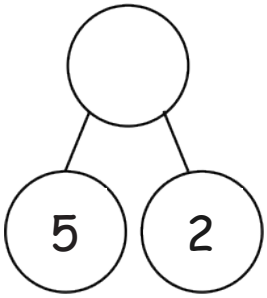




□ + □ = □

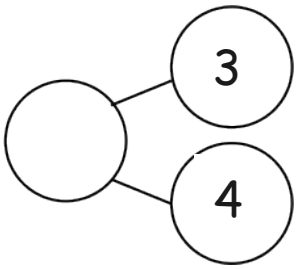
Color the larger part, and complete the number bond.
Write the number sentence, starting with the larger part.

2.



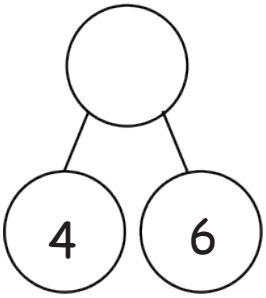
□ + □ = □

3.



□ + □ = □

4.



□ + □ = □

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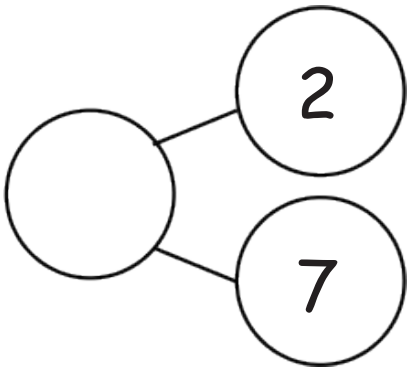
Color the larger part of the bond. Count on from that part to find the total, and fill in the number bond. Complete the first number sentence, and then rewrite the number sentence to start with the larger part.

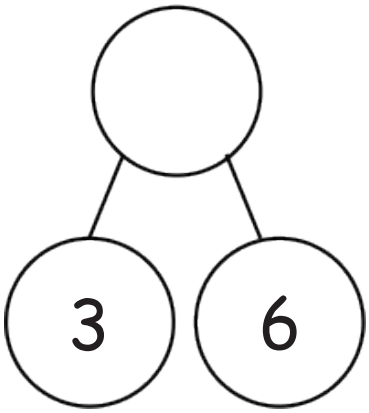
5.



2 + ☐ = ☐

☐ + ☐ = ☐

6.



3 + ☐ = ☐

☐ + ☐ = ☐

Circle the larger number, and count on to solve.

7. 1 + 5 = _____

8. 2 + 6 = _____

9. 4 + 3 = _____

10. 3 + 6 = _____

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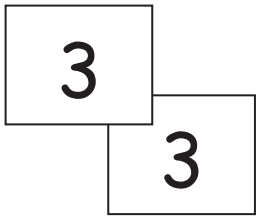
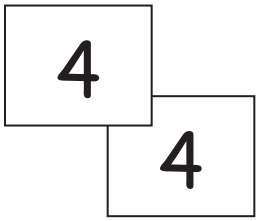
Name _____ Date _____

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

1. 

_____

2. 

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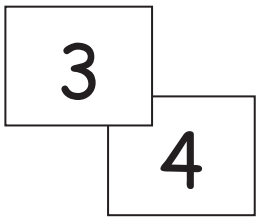
3. 

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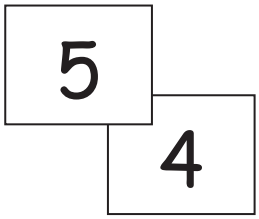
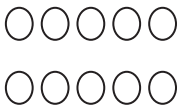
4. 

_____

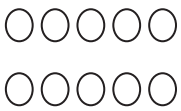
Solve. Use your doubles to help. Draw and write the double that helped.

5. $5 + 4 = \square$



_____

6. $4 + 3 = \square$



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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).

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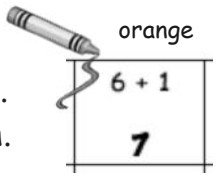

1. Use RED to color boxes with 0 as an addend. Find the total for each.
2. Use ORANGE to color boxes with 1 as an addend. Find the total for each.
3. Use YELLOW to color boxes with 2 as an addend. Find the total for each.
4. Use GREEN to color boxes with 3 as an addend. Find the total for each.
5. Use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

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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

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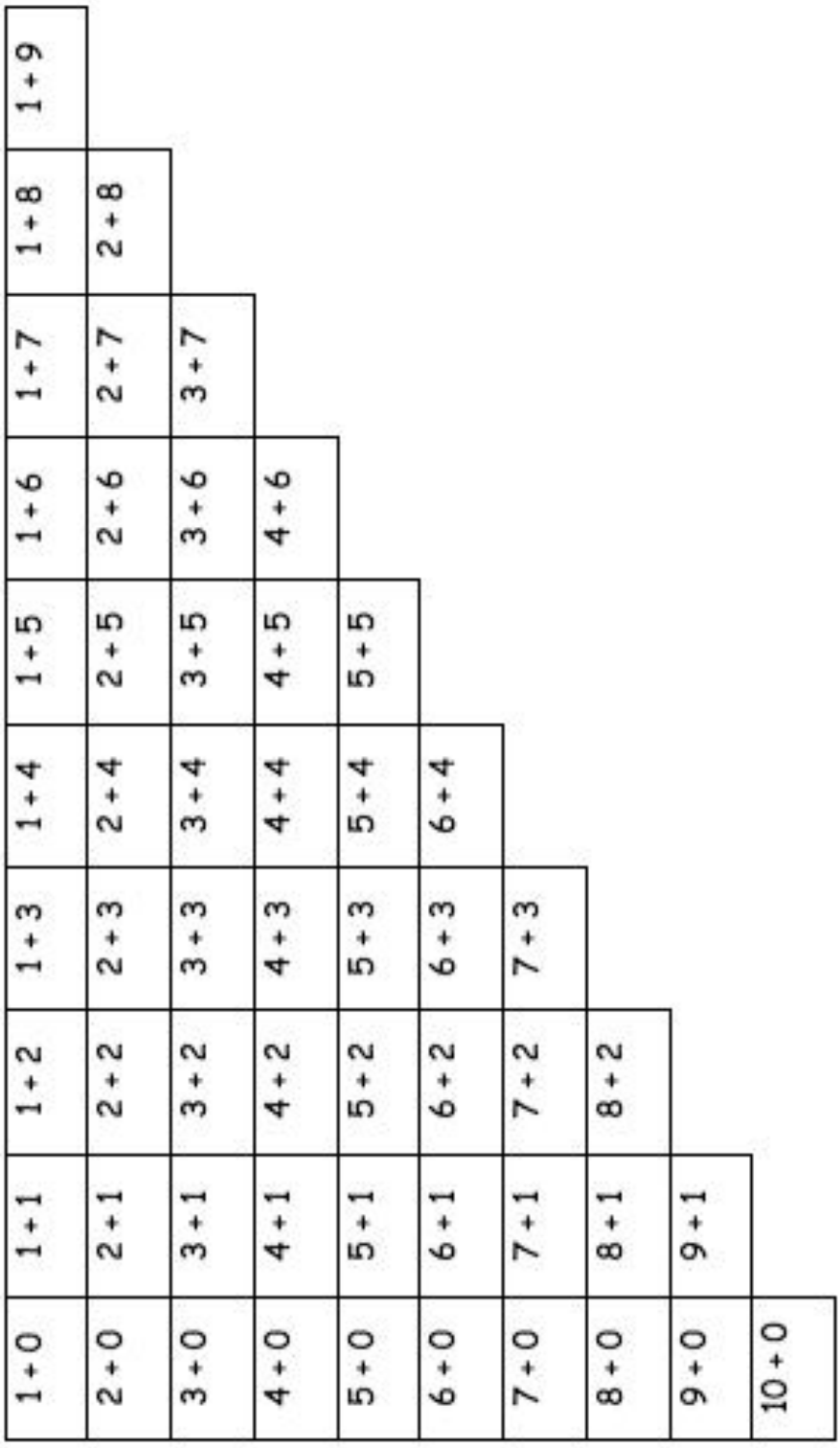

1 + 0	1 + 1	1 + 2	1 + 3	1 + 4	1 + 5	1 + 6	1 + 7	1 + 8	1 + 9
2 + 0	2 + 1	2 + 2	2 + 3	2 + 4	2 + 5	2 + 6	2 + 7	2 + 8	
3 + 0	3 + 1	3 + 2	3 + 3	3 + 4	3 + 5	3 + 6	3 + 7		
4 + 0	4 + 1	4 + 2	4 + 3	4 + 4	4 + 5	4 + 6			
5 + 0	5 + 1	5 + 2	5 + 3	5 + 4	5 + 5				
6 + 0	6 + 1	6 + 2	6 + 3	6 + 4					
7 + 0	7 + 1	7 +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

addition chart from Lesson 21

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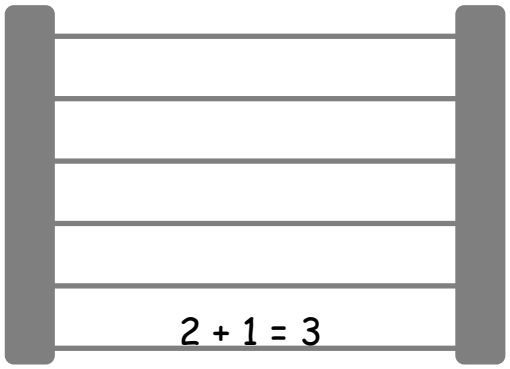
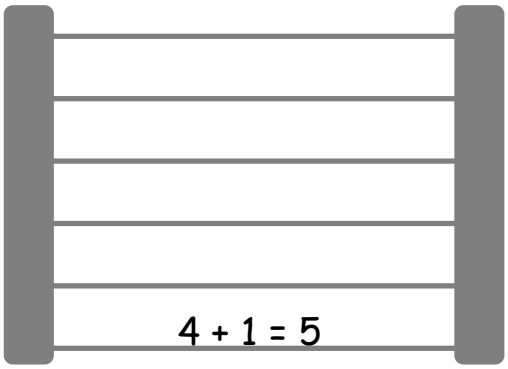
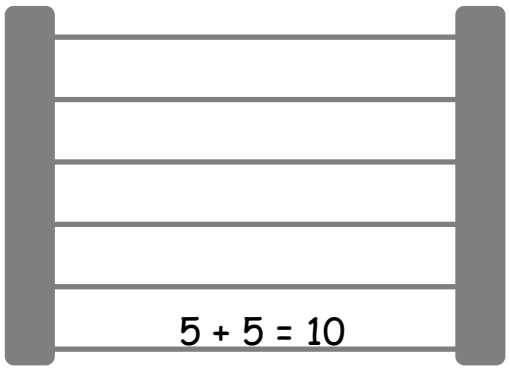
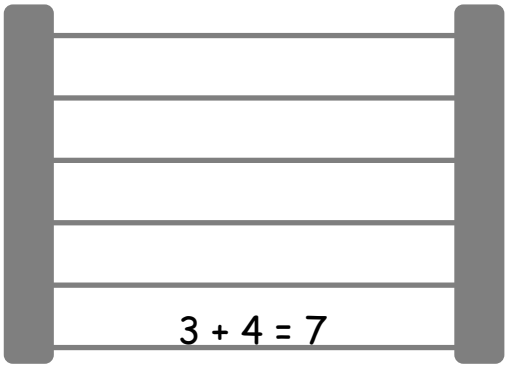
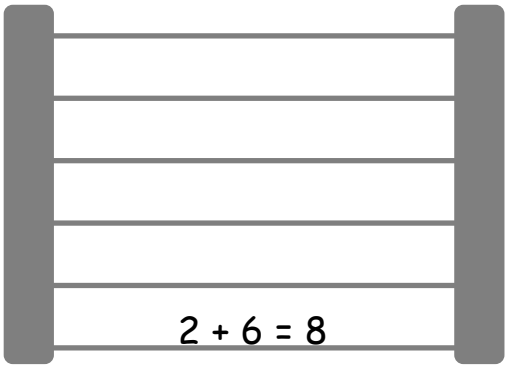
Related Fact Ladders

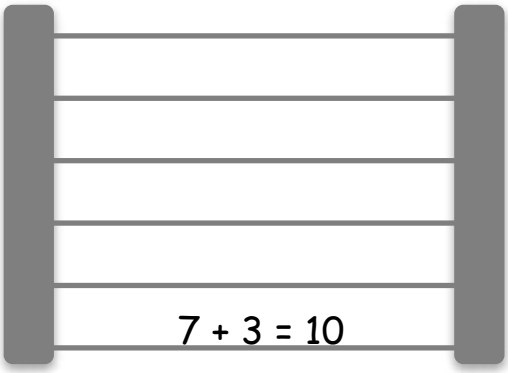
1. 

2. 

3. 

4. 

5. 

6. 

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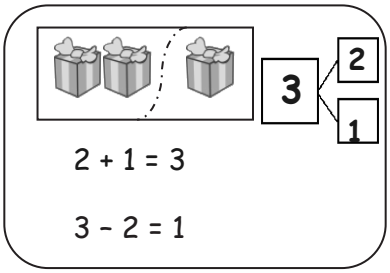
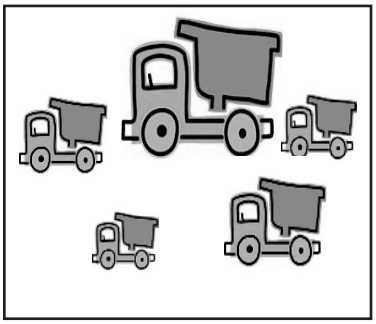
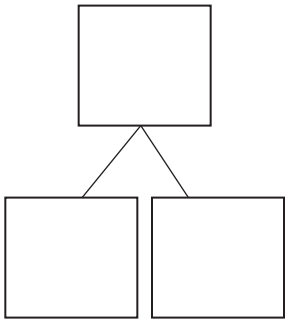
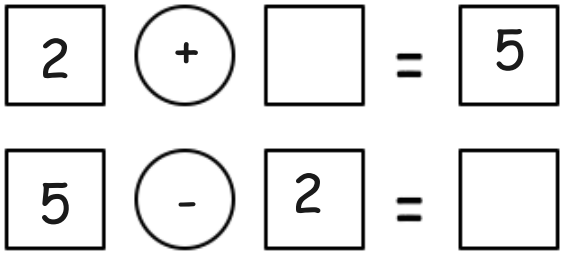
Break the total into parts. Write a number bond and addition and subtraction number sentences to match the story.



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

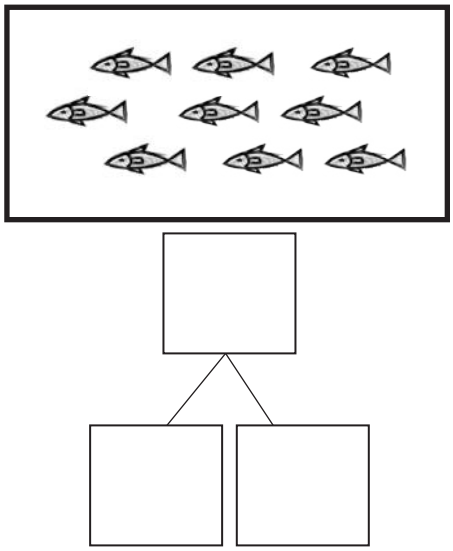


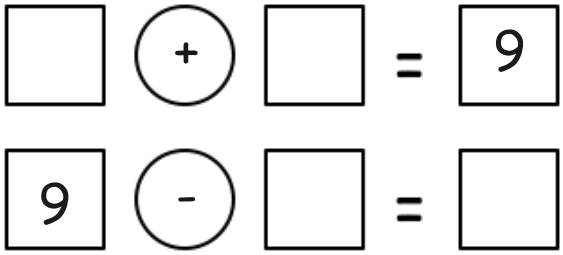




Lucy is playing with _____ trucks.

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





Jane caught _____ fish after lunch.

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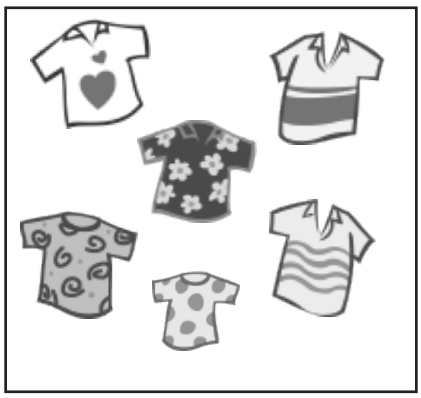
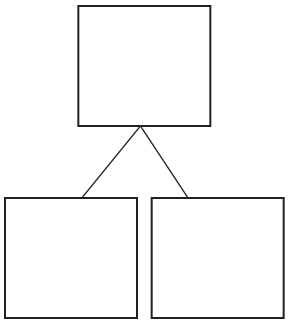
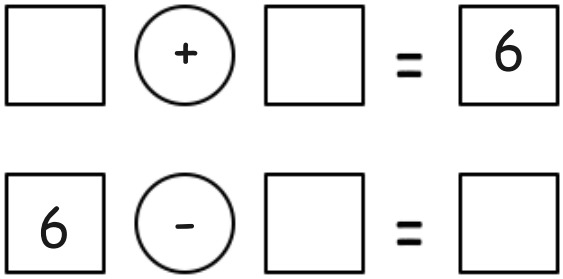
3. Dad bought 6 shirts. The next day he returned some of them. Now, he has 2 shirts. How many shirts did Dad return?

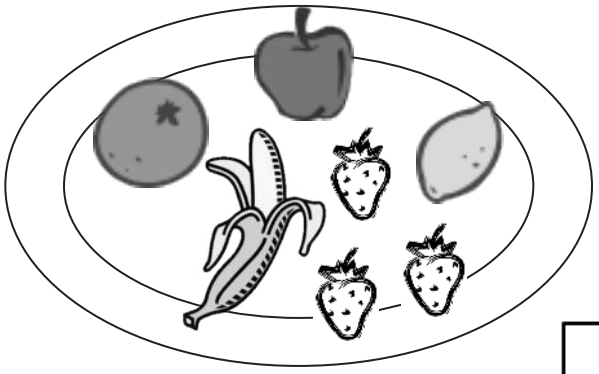


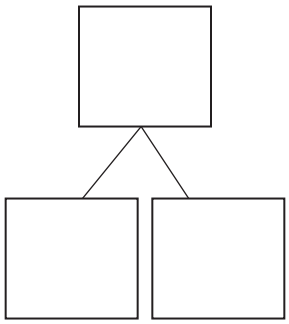


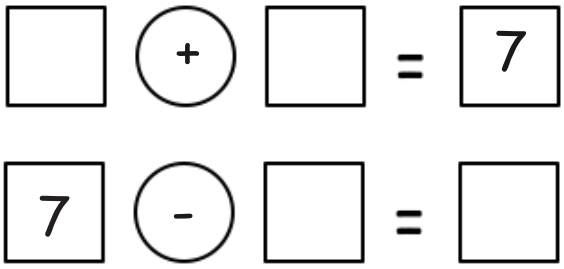


Dad returned _____ shirts.

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.

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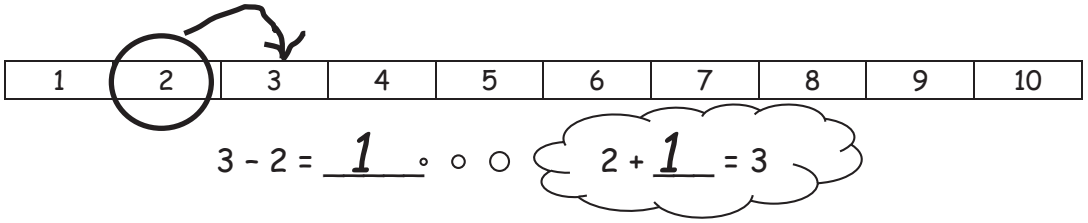
Use the number path to solve.



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

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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

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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

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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 = _____ ☐ ☐

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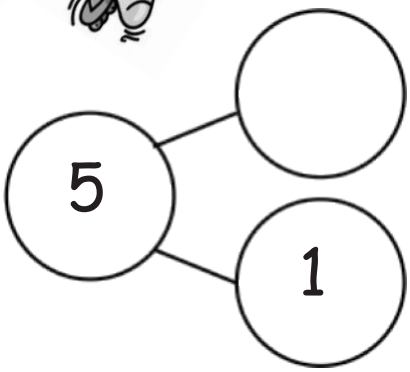
Read the story. Draw a horizontal line through the items that are leaving the story.

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

Example: 3 – 2 = 1

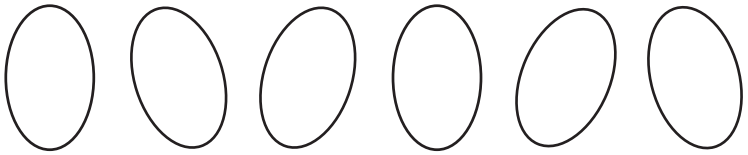
1. There are 5 toy airplanes flying at the park.
   One went down and broke.
   How many airplanes are still flying?

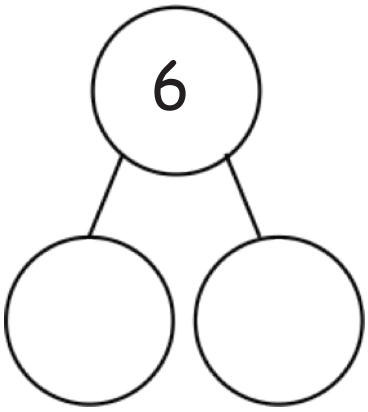


5 – 1 = _____

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.

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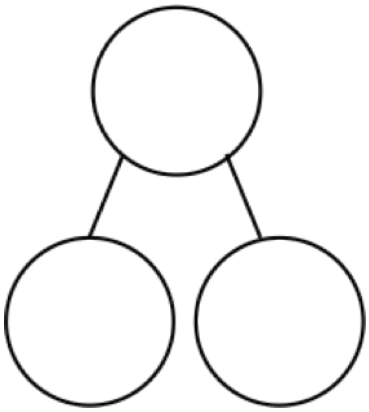
Draw a number bond and math drawing to help you solve the problems.

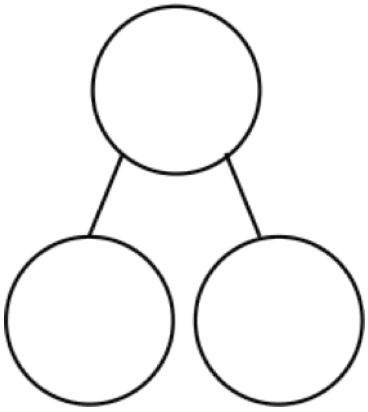
3. Kate saw 8 cats playing in the grass.
   Three went away to chase a mouse.
   How many cats remained in the grass?



_____ – _____ = _____

_____ 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.

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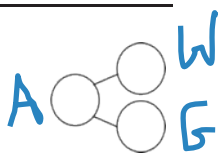
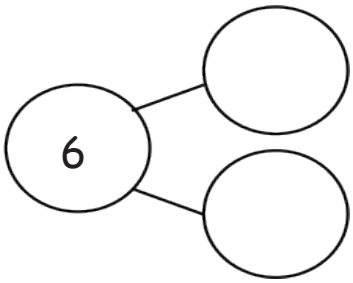
Complete the story and solve. Label the number bond.
Color the missing part in the number sentence and number bond.

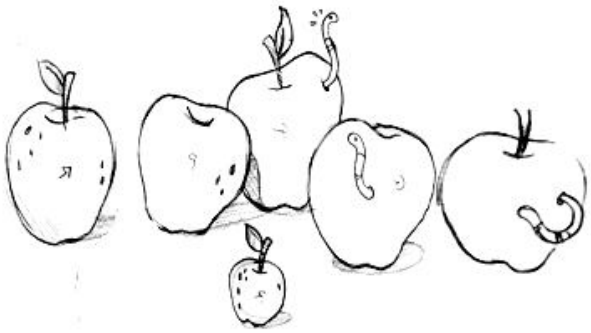


1. There are _____ apples.

   _____ have worms. Yuck!

   How many good apples are there?





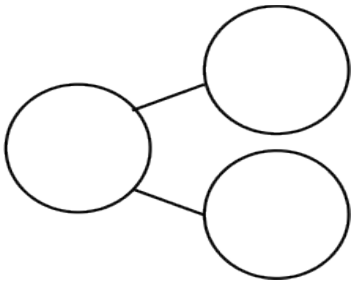
6	-		=	

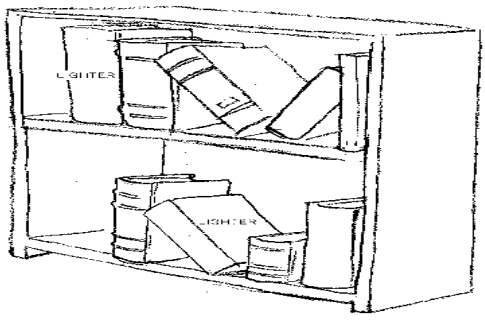
There are _____ good apples.

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.

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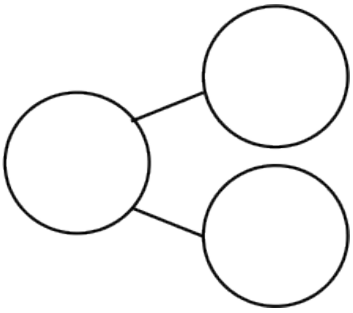
Use number bonds and math drawings in a line to solve.

Example of math drawing and number sentence

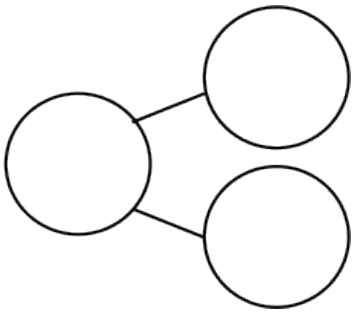
3. There are 8 animals at the pond.
   Two are big. The rest are small.
   How many are small?



_____ animals are small.

---

4. There are 7 students in the class.
   ____ students are girls.
   How many students are boys?



_____ students are boys.

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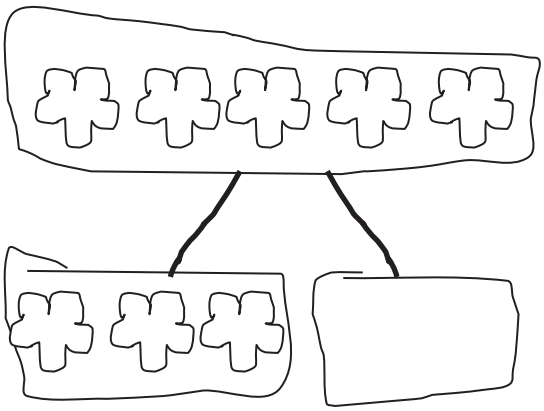
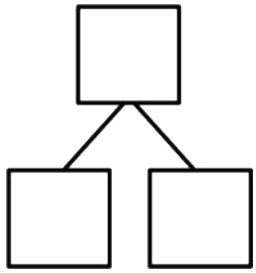
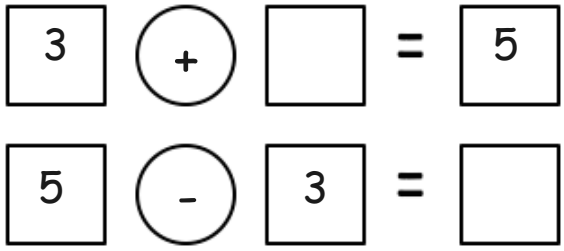
Name _____ Date _____

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

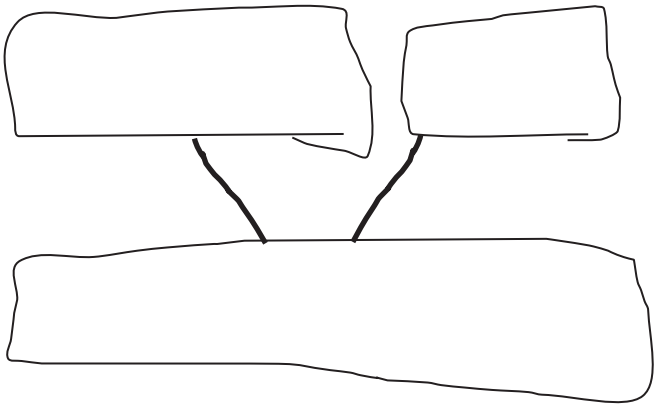
1. Jill was given a total of 5 flowers for her birthday. She put 3 in one vase and the rest in another vase. How many flowers did she put in the other vase?

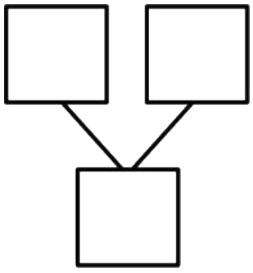


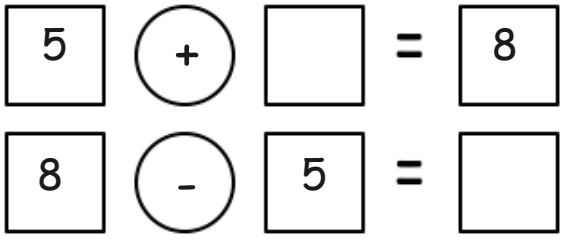




2. Kate and Nana were baking cookies. They made 5 heart-shaped cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and solve.







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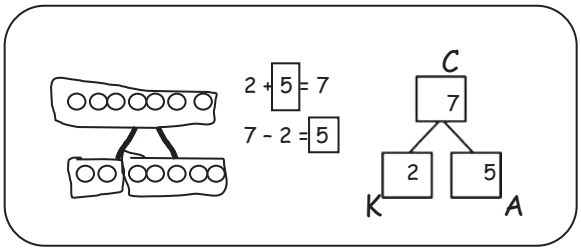
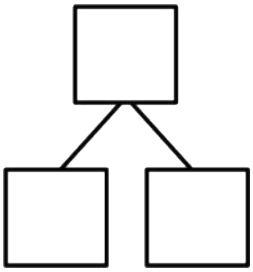
Solve. Complete and label the number bond and the picture number bond. Circle the unknown number.



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?



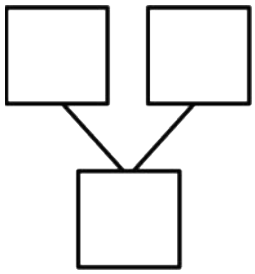
_____ + _____ = 6

6 - _____ = _____

James brought over _____ trucks.

---

4. Jane caught 5 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?



_____ + _____ = 9

9 - _____ = _____

Jane caught _____ fish after lunch.

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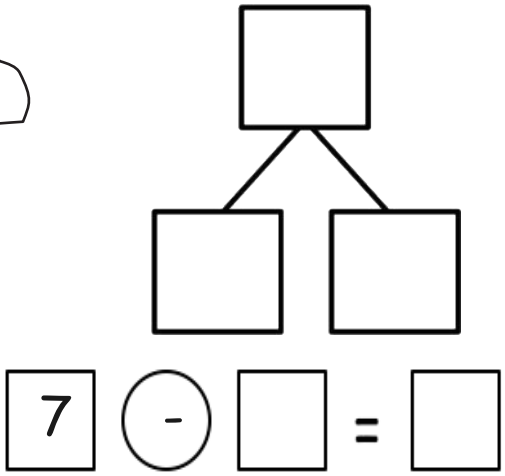
Name _____ Date _____

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

Complete the number sentence and number bond.

Sample: 3 – 1 = 2

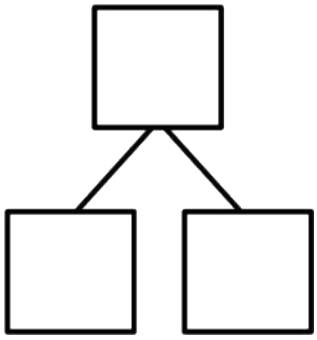
1. Kate made 7 cookies. Bill ate some. Now, Kate has 5 cookies. How many cookies did Bill eat?



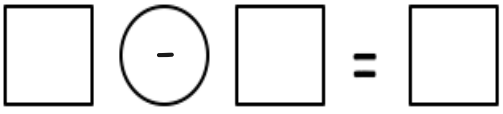
Bill ate _____ cookies.

---

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.



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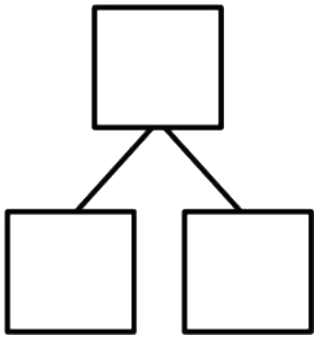
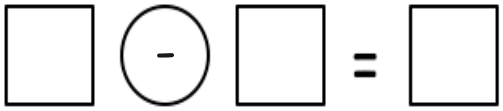
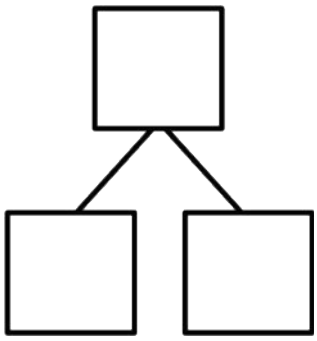
3. A store had 6 shirts on the rack. Now, there are 2 shirts on the rack. How many shirts were sold?



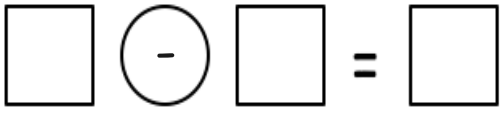
_____ shirts were sold.



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



_____ children went inside.



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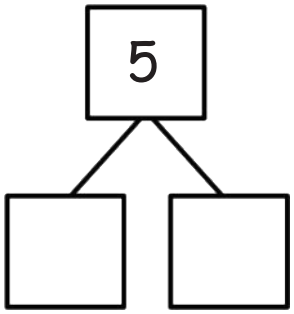
Name _____ Date _____

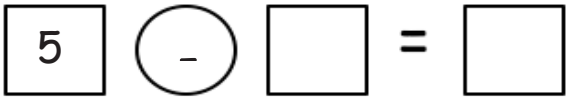
Solve. Use simple math drawings to show how to solve with addition and subtraction. Label the number bond.

1.

There are 5 apples.
Four are Sam's.
The rest are Jim's.
How many apples does Jim have?

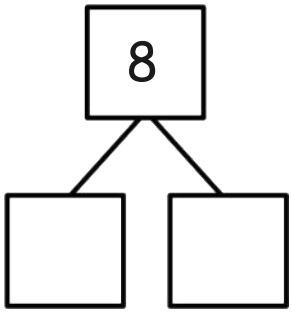


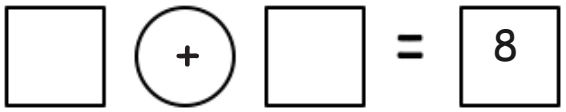
Jim has _____ apple.



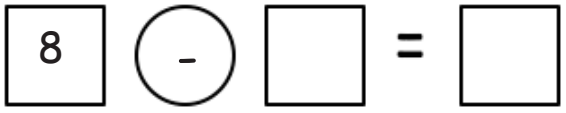
2.

There are 8 mushrooms. Five are black. The rest are white.
How many mushrooms are white?





_____ mushrooms are white.



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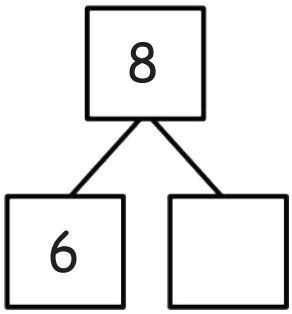
Use the number bond to complete the number sentences. Use simple math drawings to tell math stories.

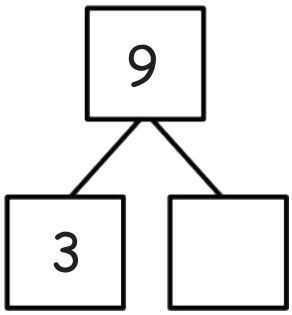
3.



_____ + _____ = 8

8 - _____ = _____

4.



_____ + _____ = _____

_____ - _____ = _____

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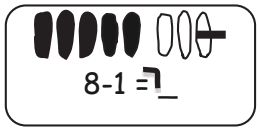
Name _____ Date _____

Cross off, when needed, to subtract.

1. 

6 – 1 = ____

2. 



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 = ____

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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

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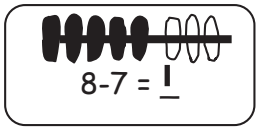
Name _____ Date _____

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 = ____

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Cross off, when needed, to subtract.

11. 

6 – 6 = ___

12. 

8 – 8 = ___

13. 

9 – 8 = ___

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

14.

7 – 7 = ___

15.

8 – 7 = ___

16.

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

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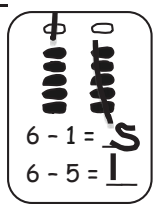
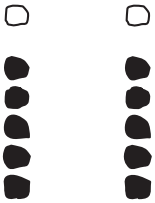
Name _____ Date _____

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



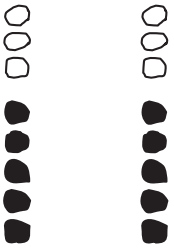
1.



6 – 5 = ____

6 – 1 = ____

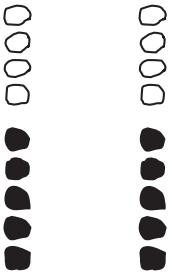
2.



8 – 3 = ____

8 – 5 = ____

3.

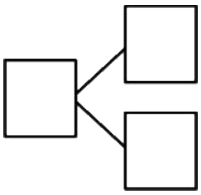


9 – 4 = ____

9 – 5 = ____

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

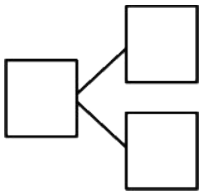
4.



7 – 5 = ____

7 – 2 = ____

5.



10 – 5 = ____

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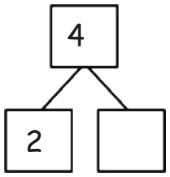
6. Solve. Visualize your 5-groups to help you.

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

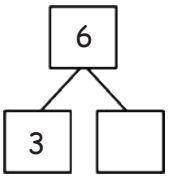
d. 9 – ____ = 4 e. 9 – ____ = 5 f. 8 – ____ = 3

Complete the number bond and number sentence for each problem.

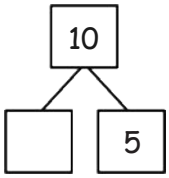
7. 4 – 2 = ____



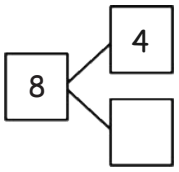
8. 6 – 3 = _____



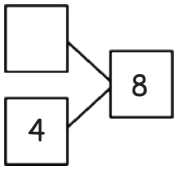
9. 10 – 5 = ____



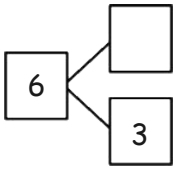
10. 8 – 4 = _____



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

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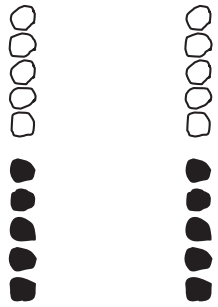
Name _____ Date _____

Solve the sets. Cross off on the 5-groups.
Use the first number sentence to help you solve the next.

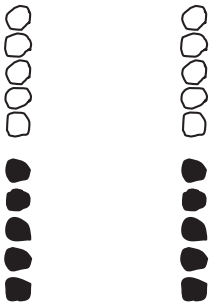
1.



10 – 9 = ____

10 – 1 = ____

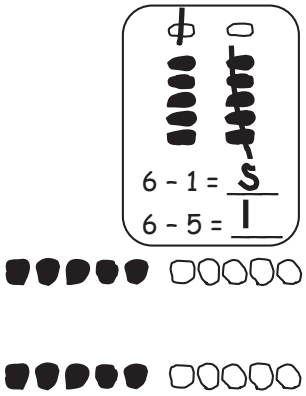
2.



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 = ____

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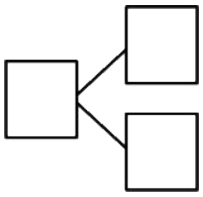
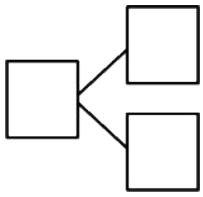
Subtract. Then, write the related subtraction sentence.
Make a math drawing if needed, and complete a number bond for each.

7. 

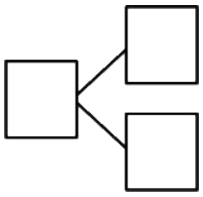
10 – 8 = ____

_____

8. 

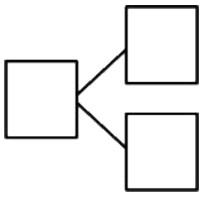
10 – 9 = ____

_____

9. 

10 – 3 = ____

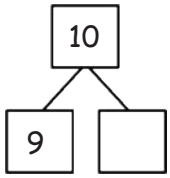
_____

10. 

10 – 6 = ____

_____

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

a. 

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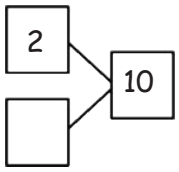
b. 

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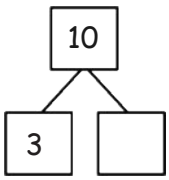
c. 

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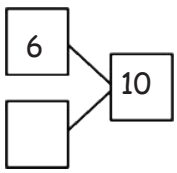
d. 

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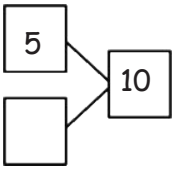
e. 

_____

_____

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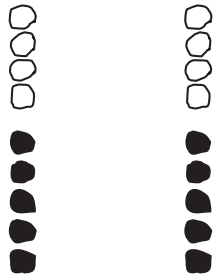
Name _____ Date _____

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

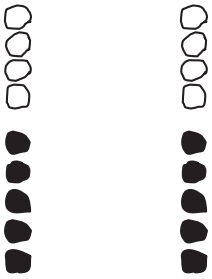
1.



9 – 8 = ___

9 – 1 = ___

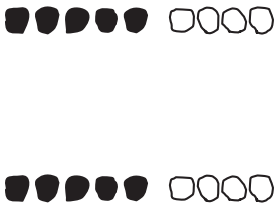
2.



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 = ___

_____

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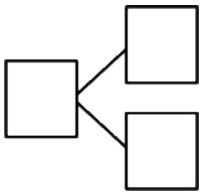
Subtract. Then, write the related subtraction sentence.
Make a math drawing if needed, and complete a number bond.

7.



9 – 5 = ___

_____

8.

9 – 8 = ___

_____

9.

9 – 7 = ___

_____

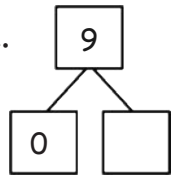
10.

9 – 3 = ___

_____

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

a.



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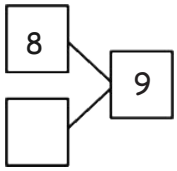
b.



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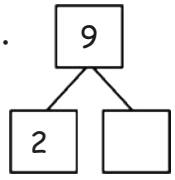
_____

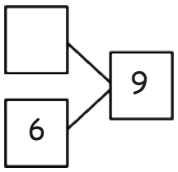
c.



_____

_____

d.



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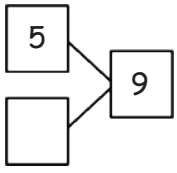
e.



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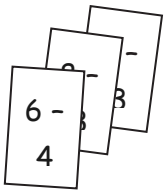

Pick a subtraction card.

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

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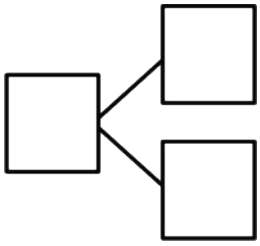
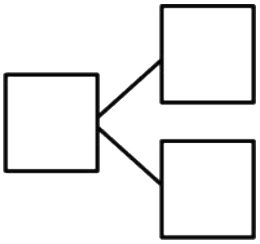
On your addition chart, shade a square orange. Write the related subtraction fact in a space below with its number bond. Color all the totals orange.

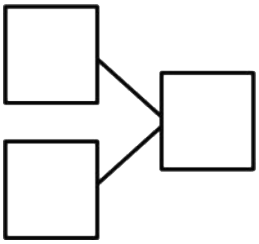
1. _____ – _____ = _____



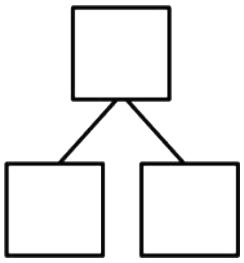
2. _____ – _____ = _____



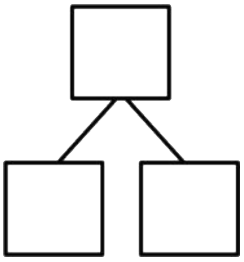
3. _____ – _____ = _____



4. _____ = _____ – _____



5. _____ = _____ – _____



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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.

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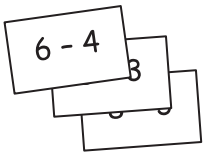
Choose an expression card, and write 4 problems that use the same parts and totals. Shade the totals orange.



6 - 4 = 2
4 + 2 = 6
2 + 4 = 6
6 - 2 = 4

1. ____ - ____ = ____

____ + ____ = ____

____ ○ ____ = ____

____ ○ ____ = ____

2. ____ - ____ = ____

____ + ____ = ____

____ ○ ____ = ____

____ ○ ____ = ____

3. ____ - ____ = ____

____ + ____ = ____

____ ○ ____ = ____

____ ○ ____ = ____

4. ____ - ____ = ____

____ + ____ = ____

____ ○ ____ = ____

____ ○ ____ = ____

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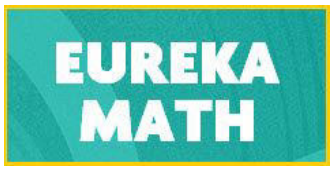
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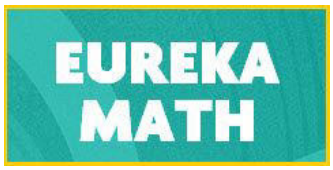
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