Math Workbook

Grade 1

Module # 1

Name: _____

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Name _____ Date _____

*Write the number of dots. Find 1 or 2 groups that make finding the total number of dots easier!

1	●●		16	●●●● ●●●●	
2	●●●		17	●●●● ●●●	
3	●●●●		18	●●●● ●●●●	
4	●●●		19	●●●● ●●	
5	●		20	●●●● ●	
6	●●●●		21	●●●● ●●●●	
7	●●●●●		22	●●●● ●●●●	
8	●●●●		23	●●● ●●●●	
9	●●●● ●		24	●●●● ●●●	
10	●●●● ●●		25	●●● ●● ●●●●	
11	●●●●●		26	●●●● ●●	
12	●●●●		27	●●● ●● ●● ●●●	
13	●●●● ●		28	●● ●● ● ●● ●●	
14	●●●● ●●●		29	●● ●●● ● ●●	
15	●●●● ●●		30	●● ● ●● ●● ● ●●	

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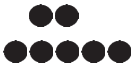
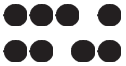
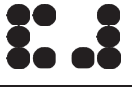
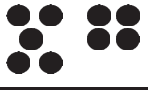
Name _____ Date _____

*Write the number of dots. Find 1 or 2 groups that make finding the total number of dots easier!

1			16		
2			17		
3			18		
4			19		
5			20		
6			21		
7			22		
8			23		
9			24		
10			25		
11			26		
12			27		
13			28		
14			29		
15			30		

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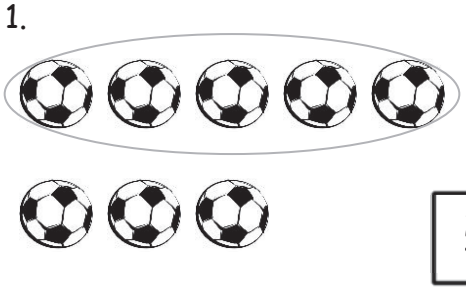
Name _____ Date _____

Circle 5 and make a number bond.

1.



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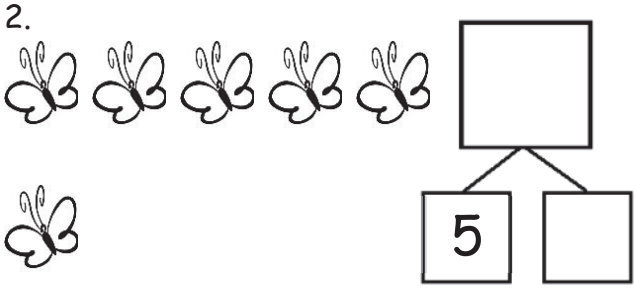

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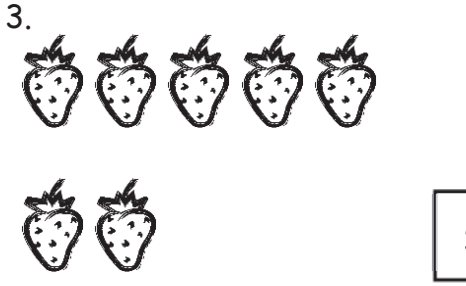

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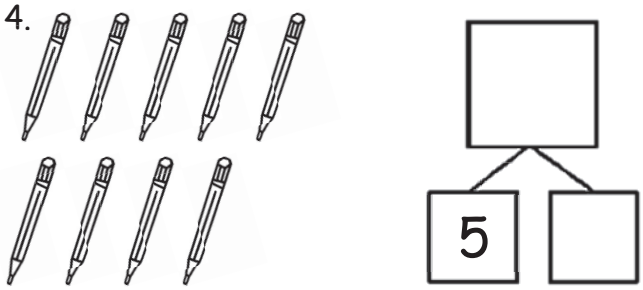
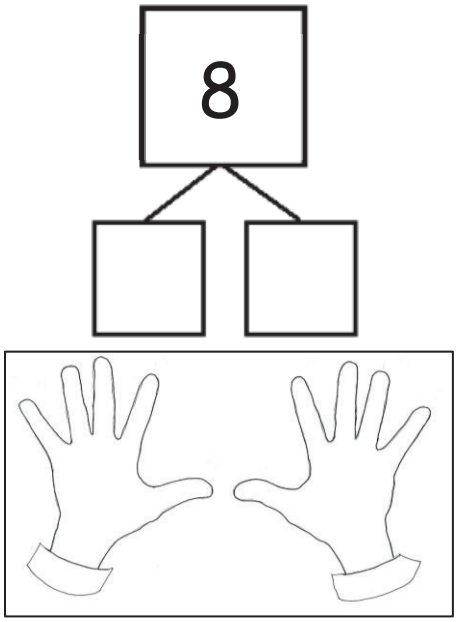
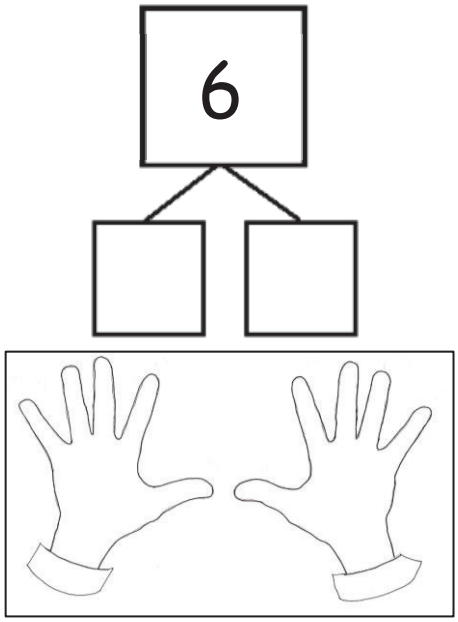


Put nail polish on the number of fingernails shown from left to right. Then fill in the parts. Make the number of fingernails on one hand a part.

5.





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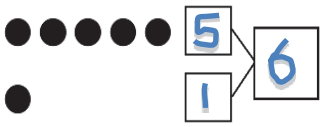
6. Make a number bond that shows 5 as one part.



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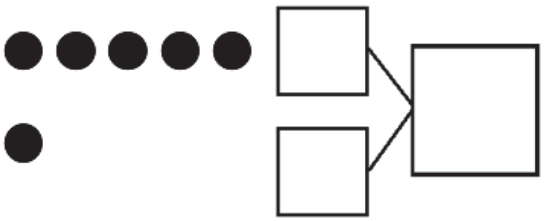

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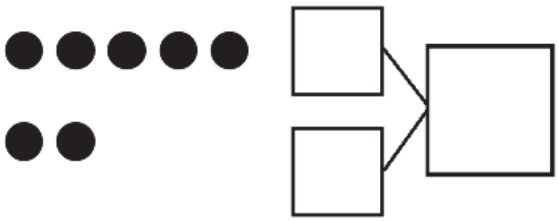

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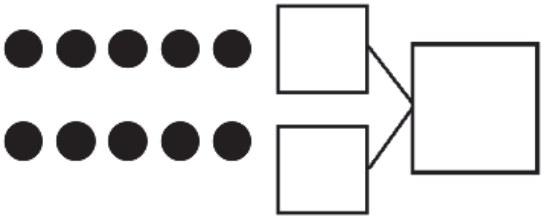

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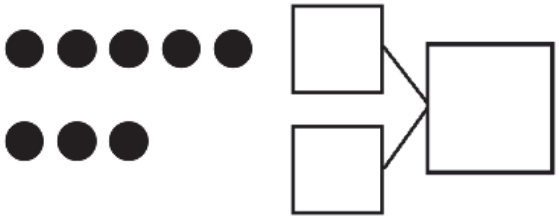

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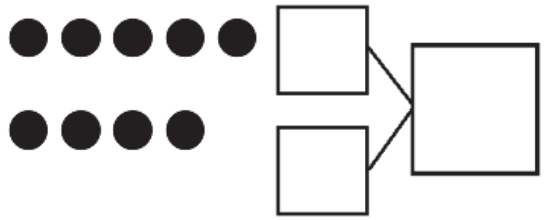

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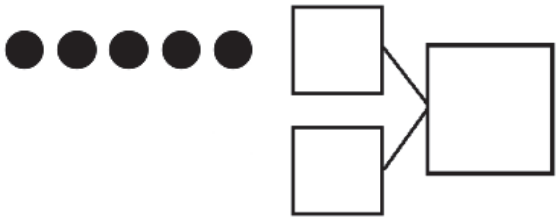

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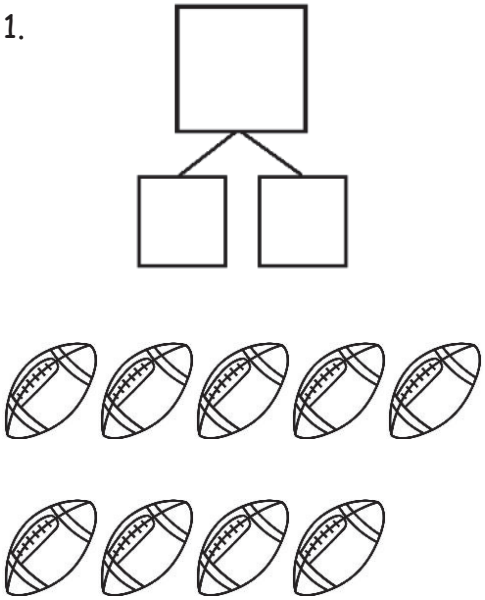
Name _____ Date _____

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

1.



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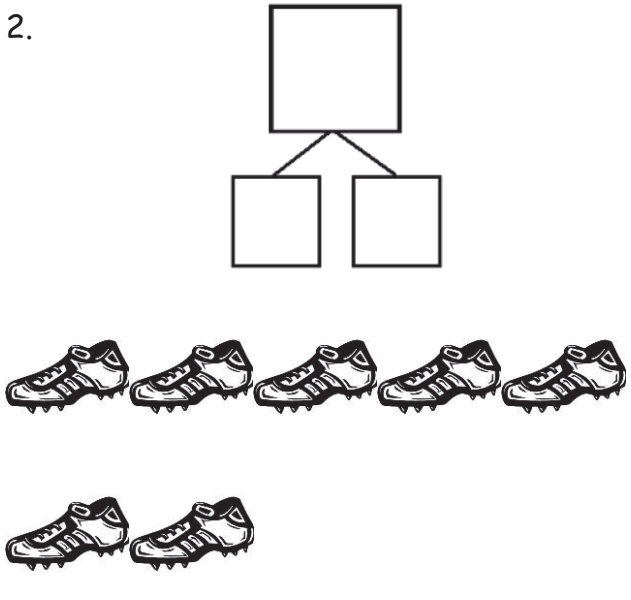

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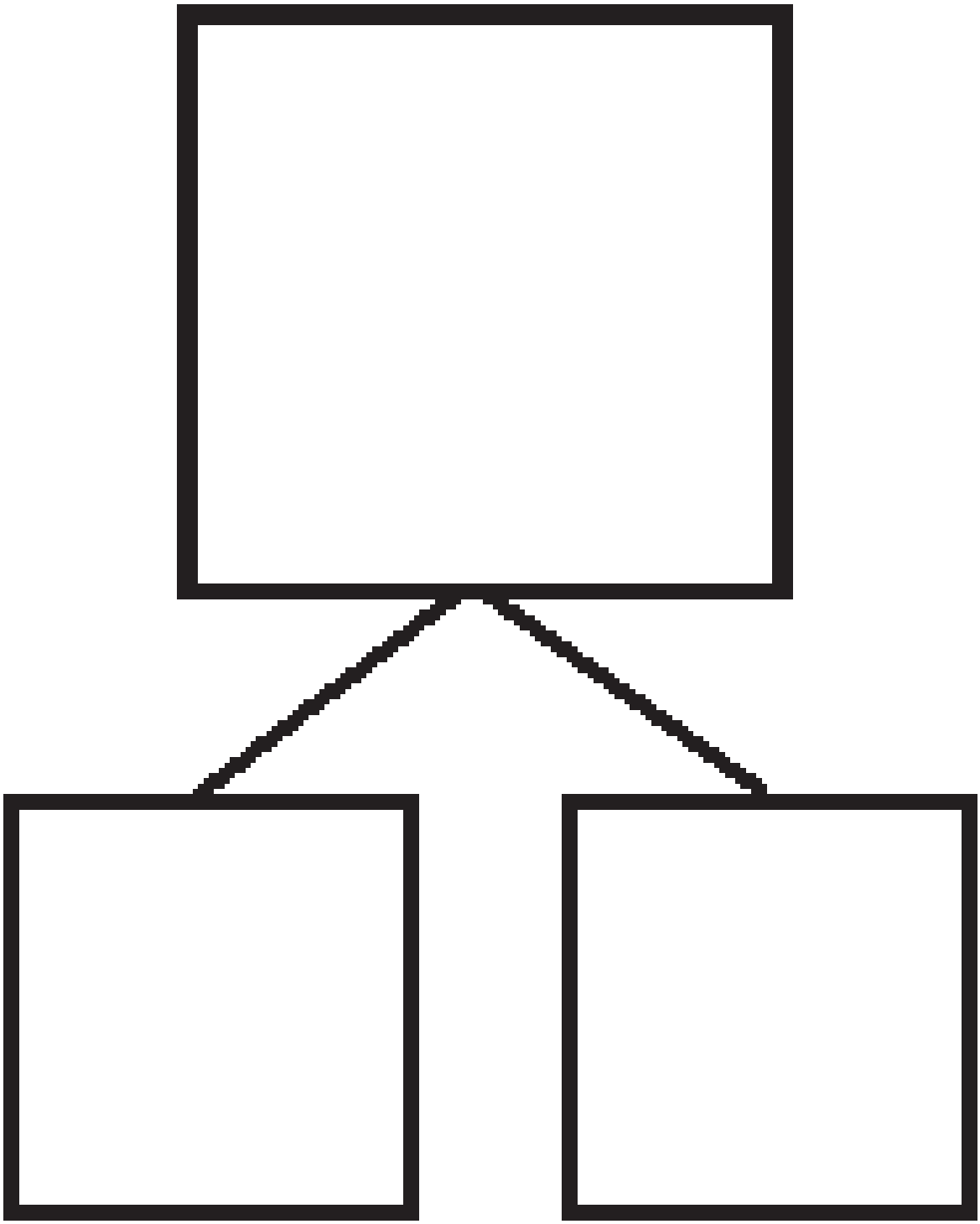

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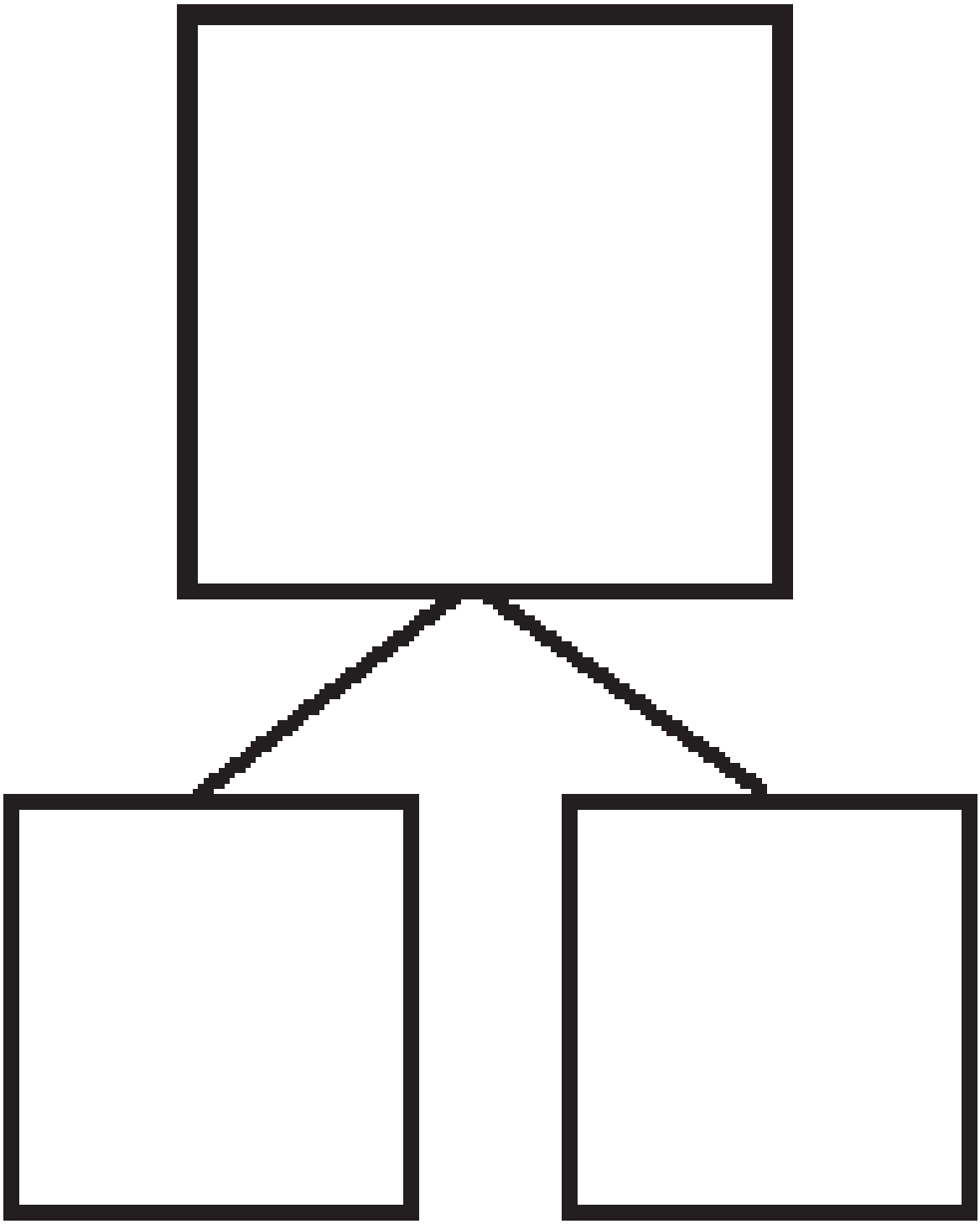

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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 60 seconds. Write the amount you finished here:

1. 5 → 4 ☐
2. 5 → 5 ☐
3. 5 → 4 ☐
4. 5 → 3 ☐
5. 5 → 4 ☐
6. 5 → ☐ 3
7. 5 → ☐ 2
8. 5 → ☐ 4
9. 5 → ☐ 1
10. 5 → ☐ 2
11. 5 → 0 ☐
12. 5 → 1 ☐
13. 5 → 2 ☐
14. 5 → 3 ☐
15. 5 → 4 ☐
16. 5 → ☐ 5
17. 5 → ☐ 4
18. 5 → ☐ 3
19. 5 → ☐ 2
20. 5 → ☐ 1
21. 5 → 5 ☐
22. 5 → 0 ☐
23. 5 → 1 ☐
24. 5 → 3 ☐
25. 5 → 2 ☐

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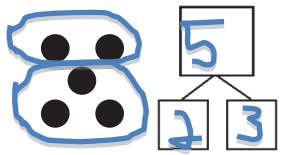
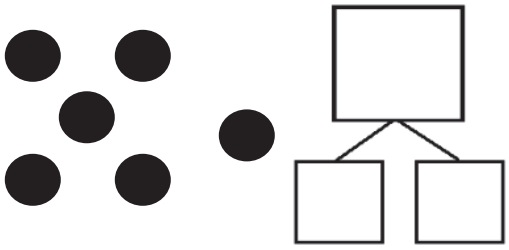
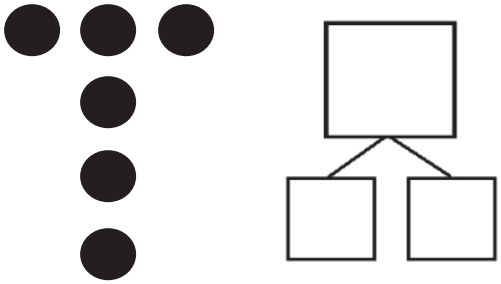
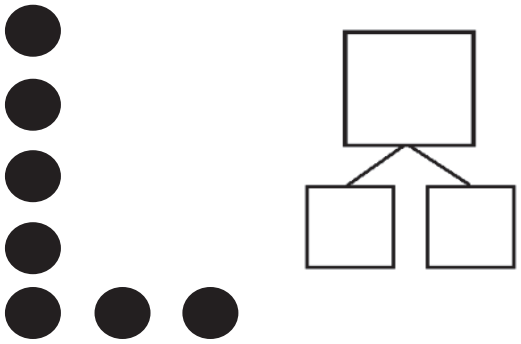
Name _____ Date _____

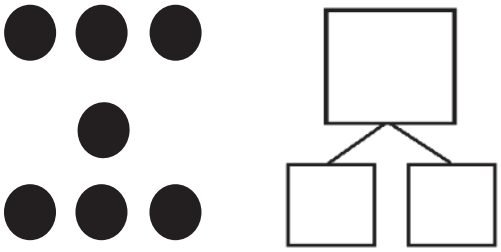
Circle 2 parts you see. Make a number bond to match.

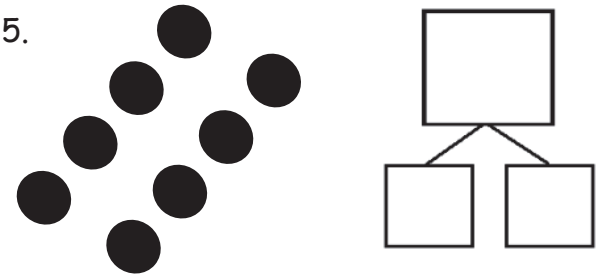


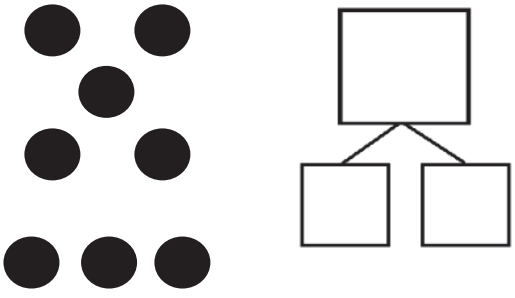
1. 

2. 

3. 

4. 

5. 

6. 

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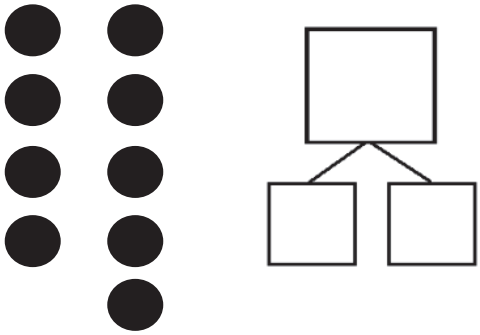
7.



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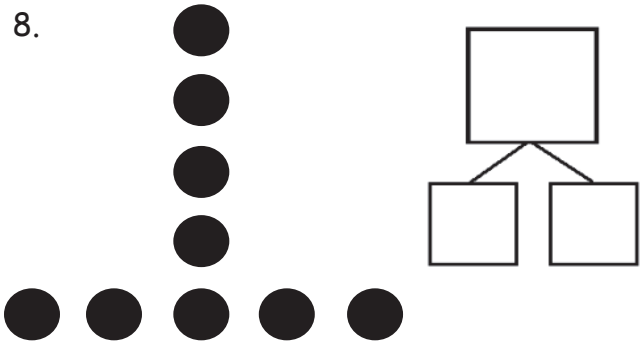
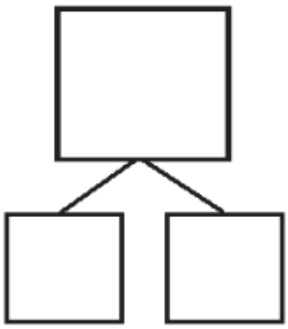
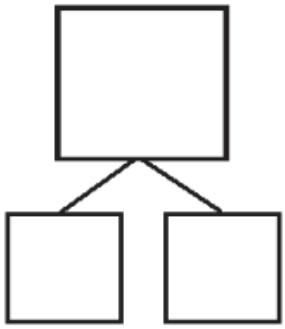


9. How many pieces of fruit do you see? Write at least 2 different number bonds to show different ways to break apart the total.





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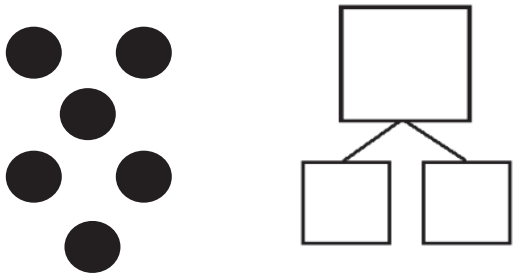
Name _____ Date _____

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

1.



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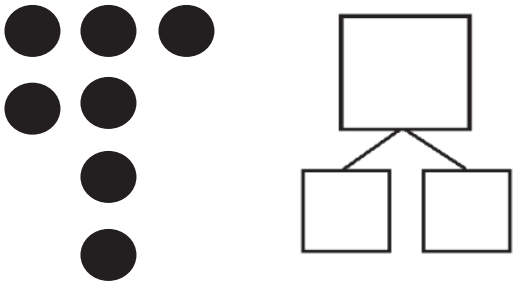

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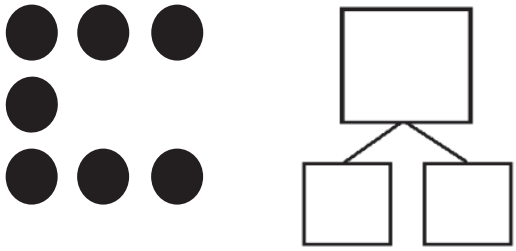

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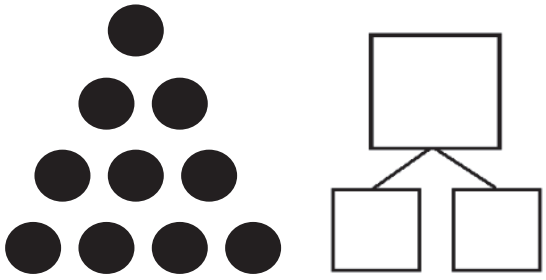

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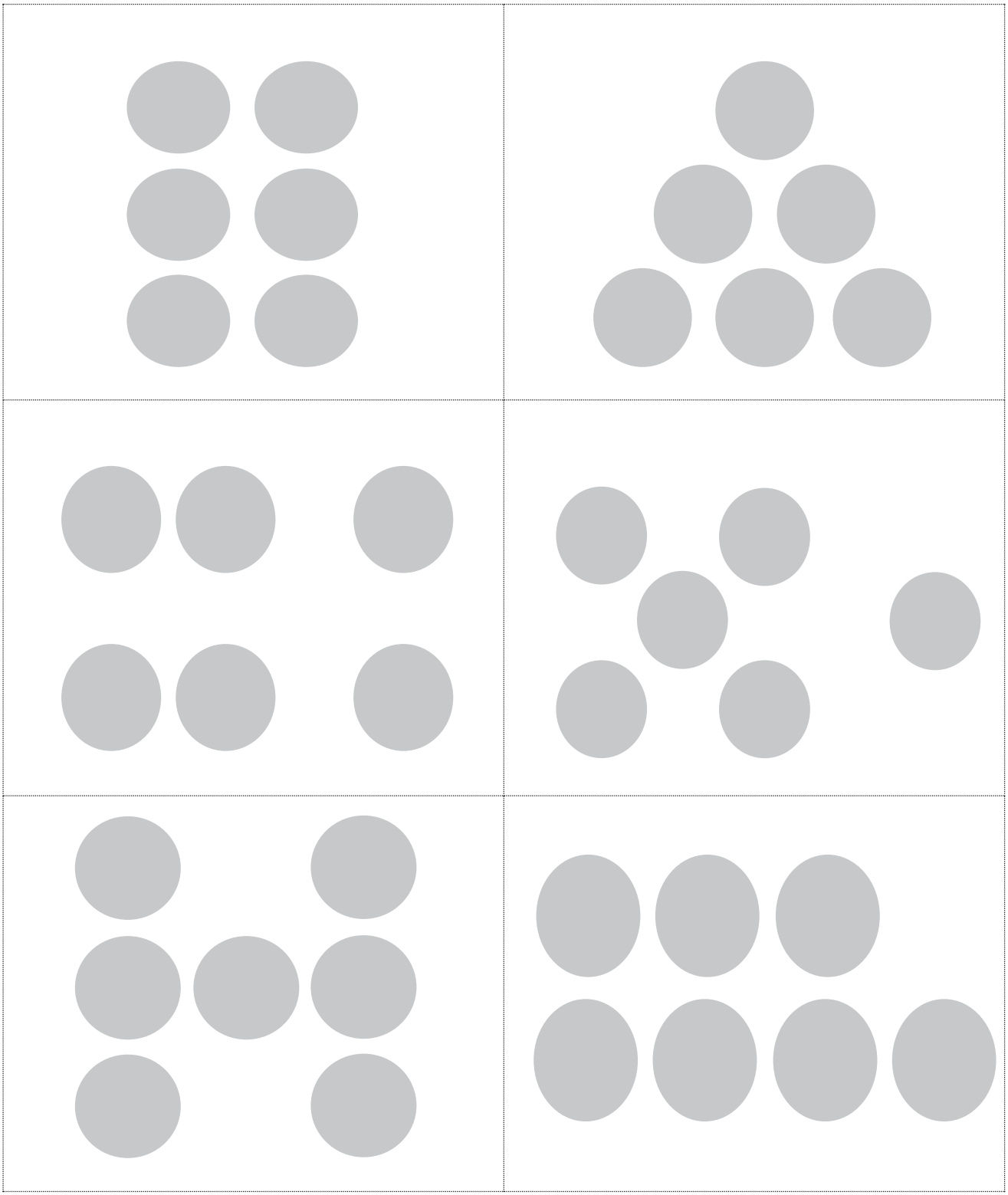

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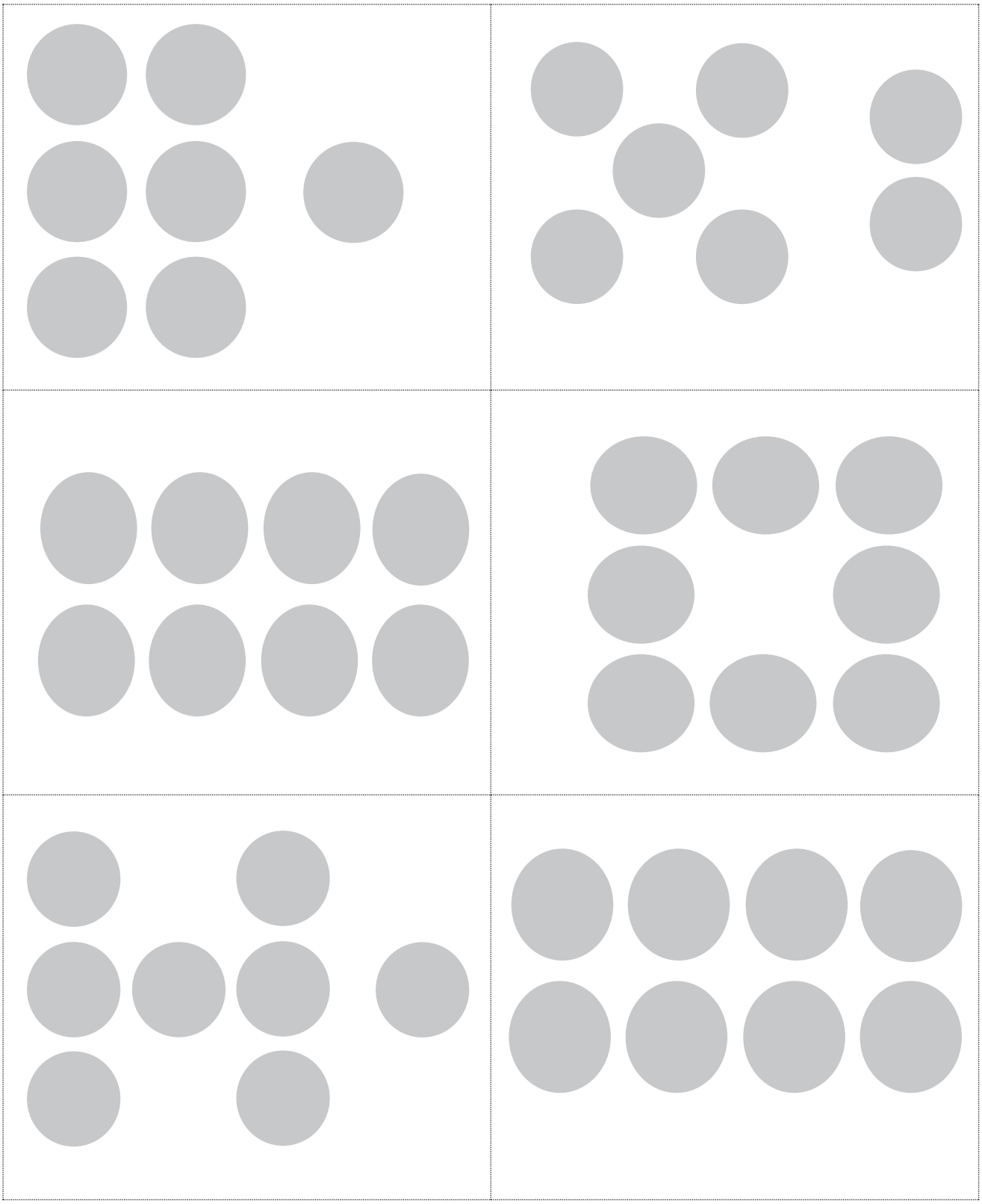

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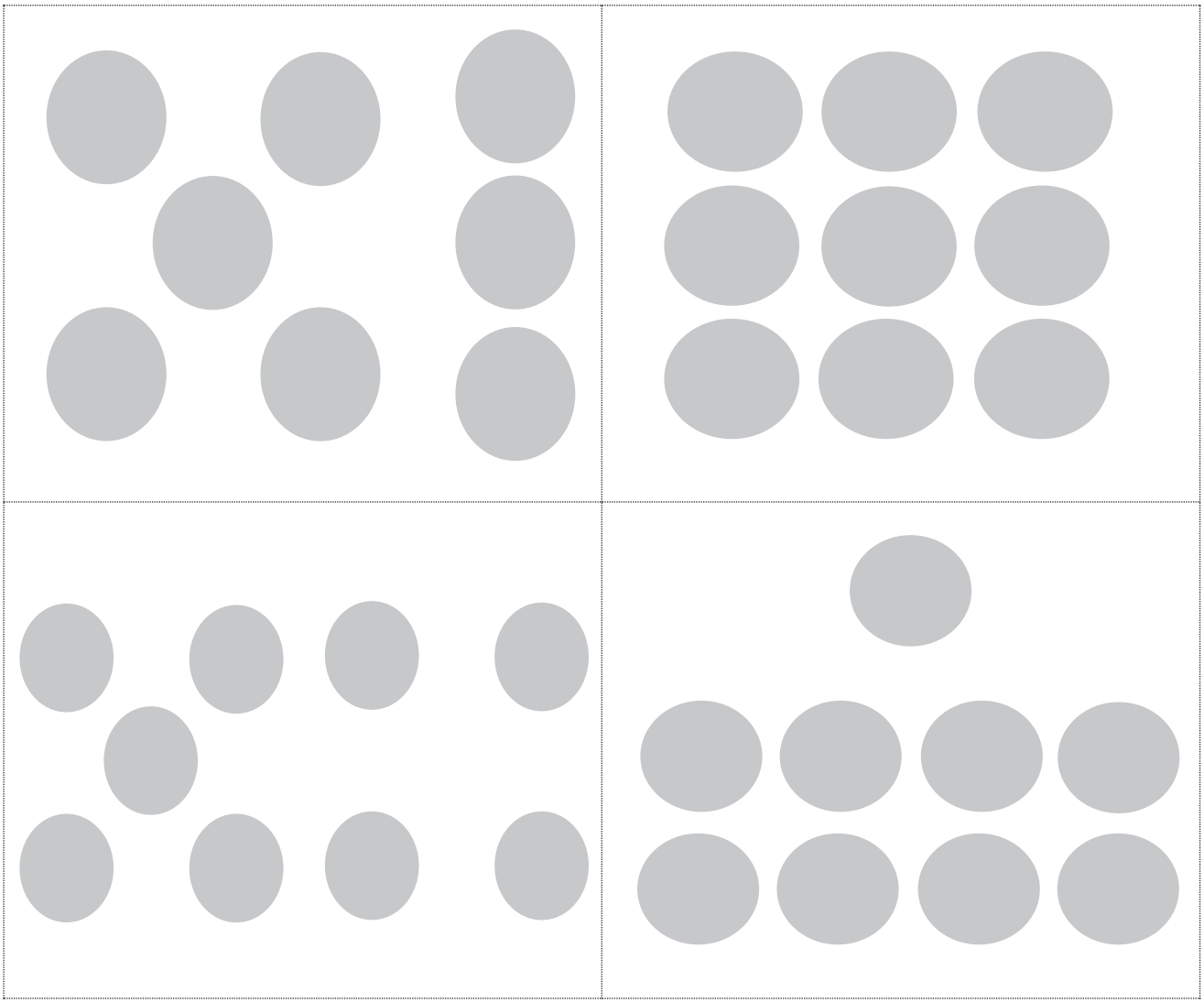

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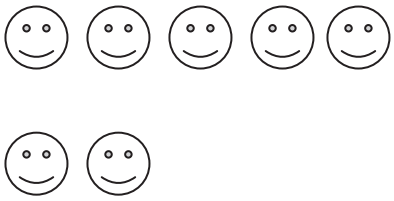
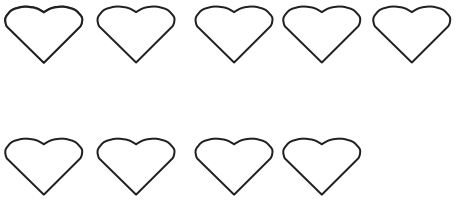
Name _____ Date _____

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

1. 

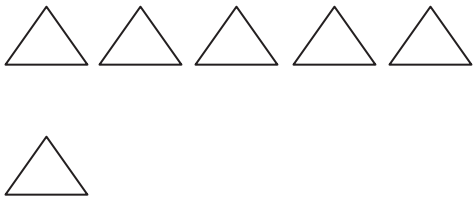
1 more than 7 is_____.

7 + 1 = _____

2. 

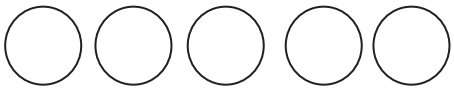
1 more than 9 is_____.

9 + 1 = _____

3. 

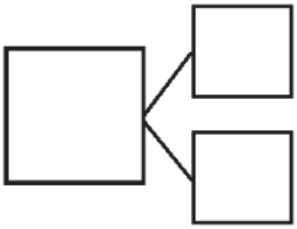
1 more than 6 is_____.

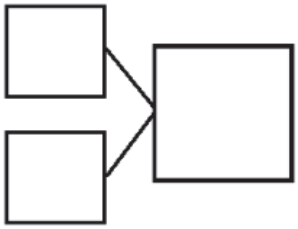
6 + 1 = _____

4. 

1 more than 5 is_____.

5 + 1 = _____





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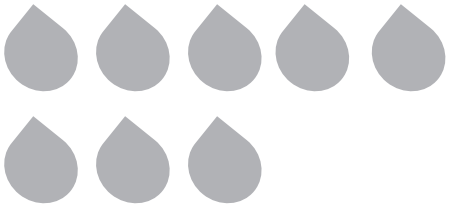
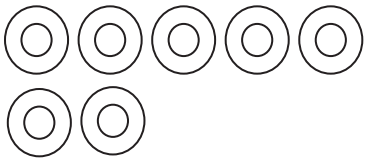
5. 

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

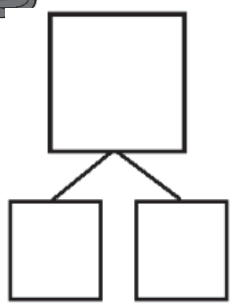
_____= 6 + 1

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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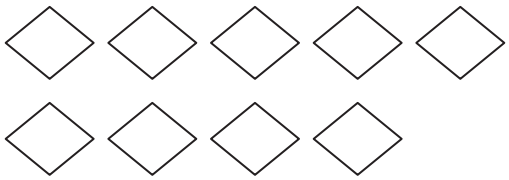
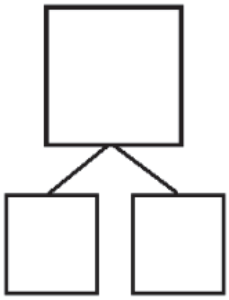
Name _____ Date _____

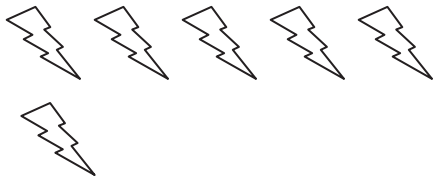
How many objects do you see? Draw one more. How many objects are there now?

1. 

_____ is 1 more than 9.

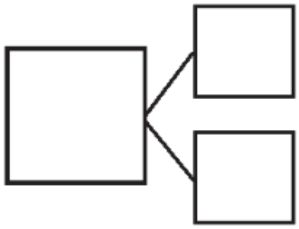
9 + 1 = _____



2. 

1 more than 6 is _____.

_____ + 1 = _____



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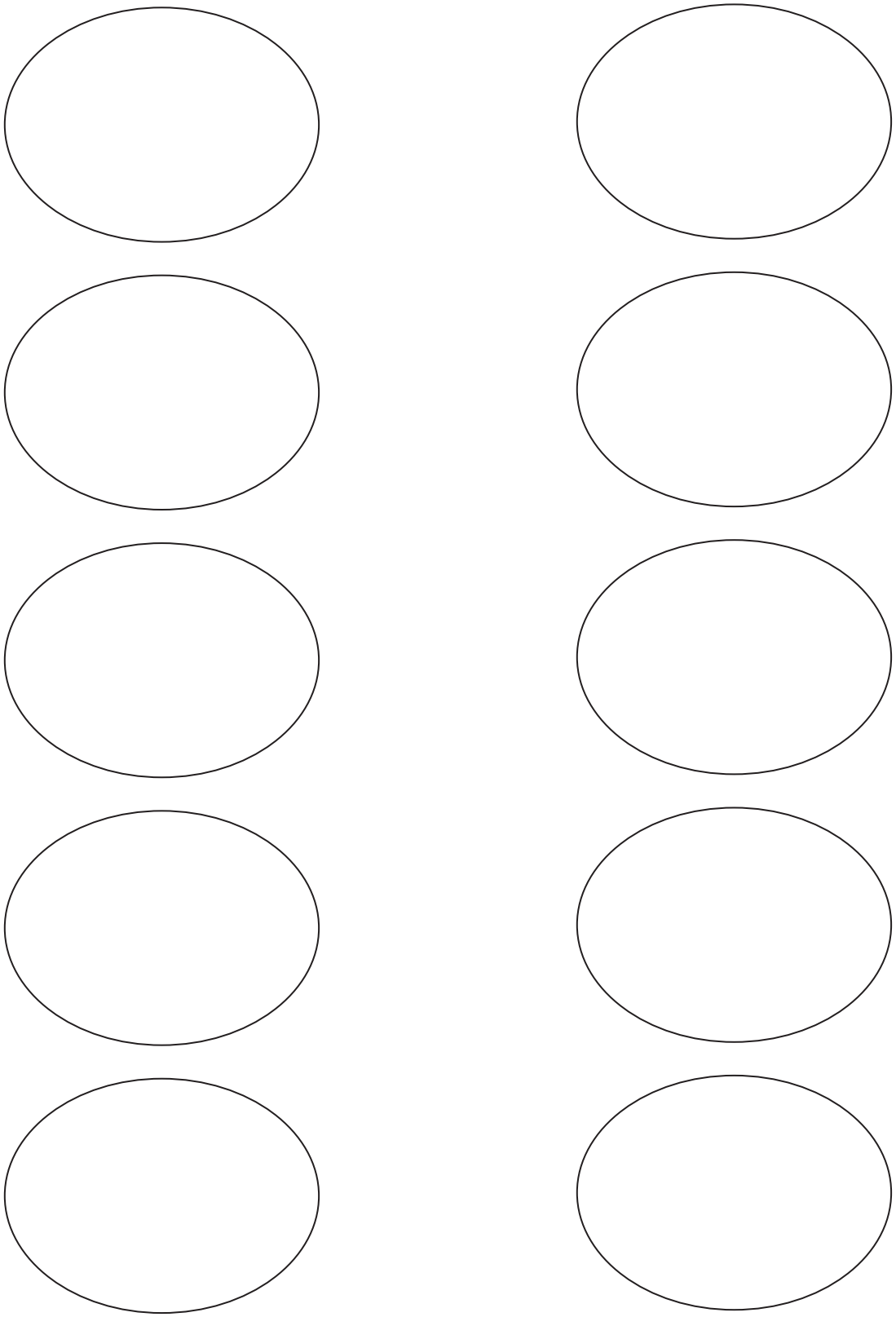
5-group Mat



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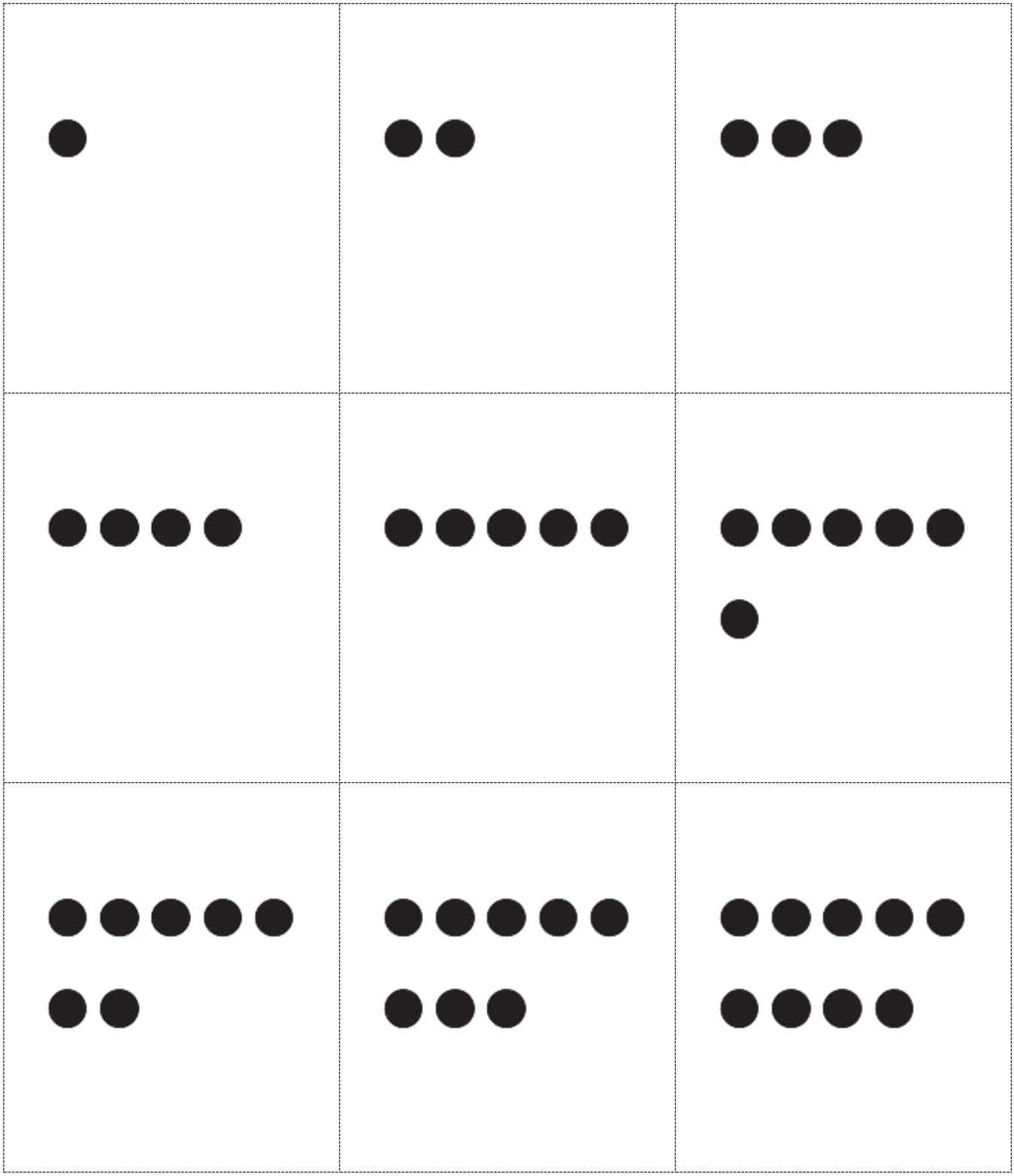

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2 is 1 more than 1.	3 is 1 more than 2.	4 is 1 more than 3.
1 more than 4 is 5.	1 more than 5 is 6.	1 more than 6 is 7.
8 is 1 more than 7.	1 more than 8 is 9.	1 more than 9 is 10.

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Number correct:

A

Name _____ Date _____

*Write the number that is 1 more.

1	●●●		16	●●●● ●●●	
2	●●		17	9	
3	●●●		18	7	
4	●●●●		19	●●●● ●●	
5	●●●●●		20	8	
6	●●●● ●		21	7	
7	●●●●●		22	●●●● ●●●	
8	5		23	●●●● ●●●	
9	●●●● ●●		24	10	
10	6		25	●●●● ●●●●	
11	●●●● ●		26	●●●● ●●●	
12	7		27	●● ●● ●● ●●	
13	●●●● ●●		28	9	
14	●●●● ●●●		29	●●● ●●● ●●●	
15	8		30	●●● ●●● ●●● ●●●	

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B

Number correct:

Name _____ Date _____

*Write the number that is 1 more.

1	●●		16	●●●● ●●●	
2	●		17	8	
3	●●		18	9	
4	●●●		19	●●●● ●●●●	
5	●●●●		20	●●●● ●●●●●	
6	●●●●●		21	10	
7	●●●●		22	●●●● ●●●	
8	4		23	●●●● ●●●●	
9	●●●●●		24	10	
10	5		25	●●●● ●●●●	
11	●●●●●		26	●● ●● ● ●● ●●	
12	7		27	●● ●● ●● ●●	
13	●●●●● ●●		28	8	
14	●●●● ●		29	●● ●● ●● ●●●	
15	6		30	●●● ●●●● ●● ●●●●	

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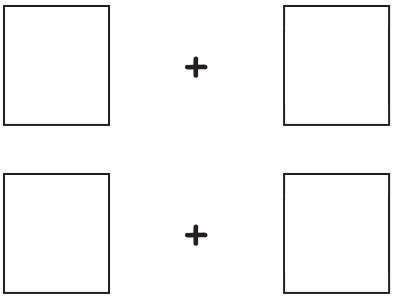
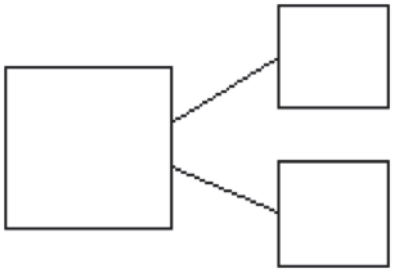
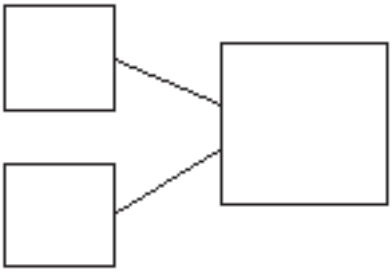
Name _____ Date _____

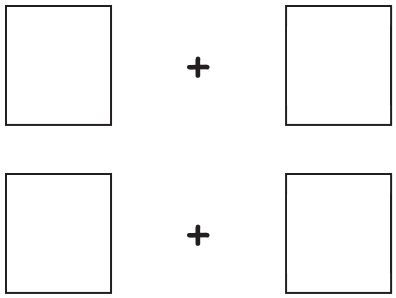
Ways to Make 6!

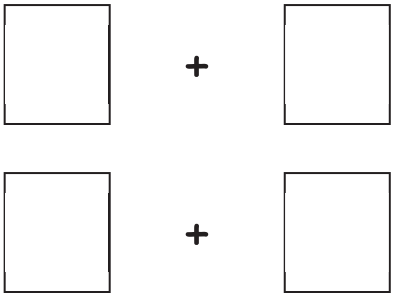
Use the apple picture to help you write all of the different ways to make 6.

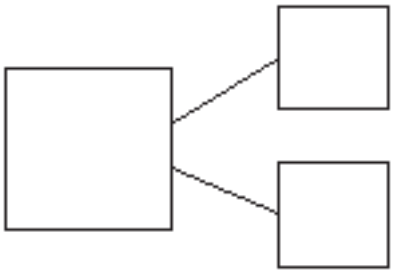


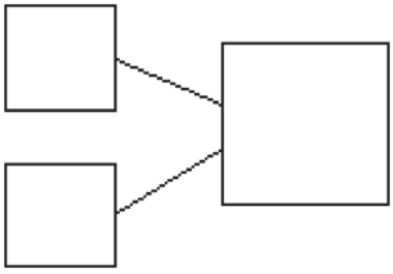


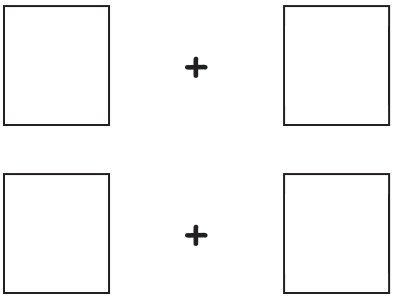












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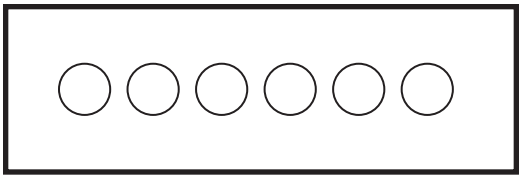
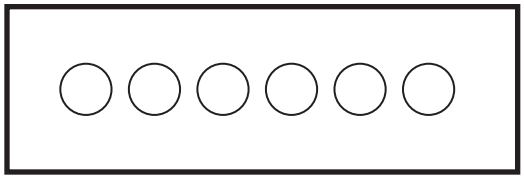
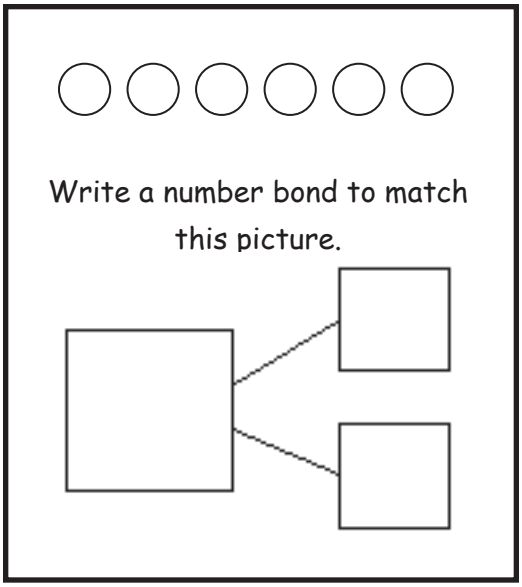
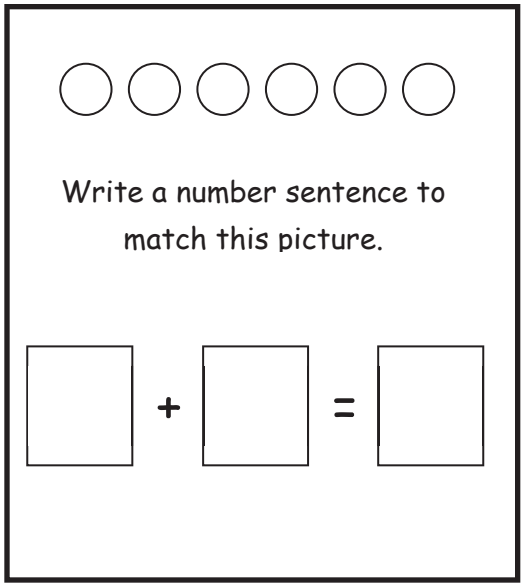
Name _____ Date _____

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









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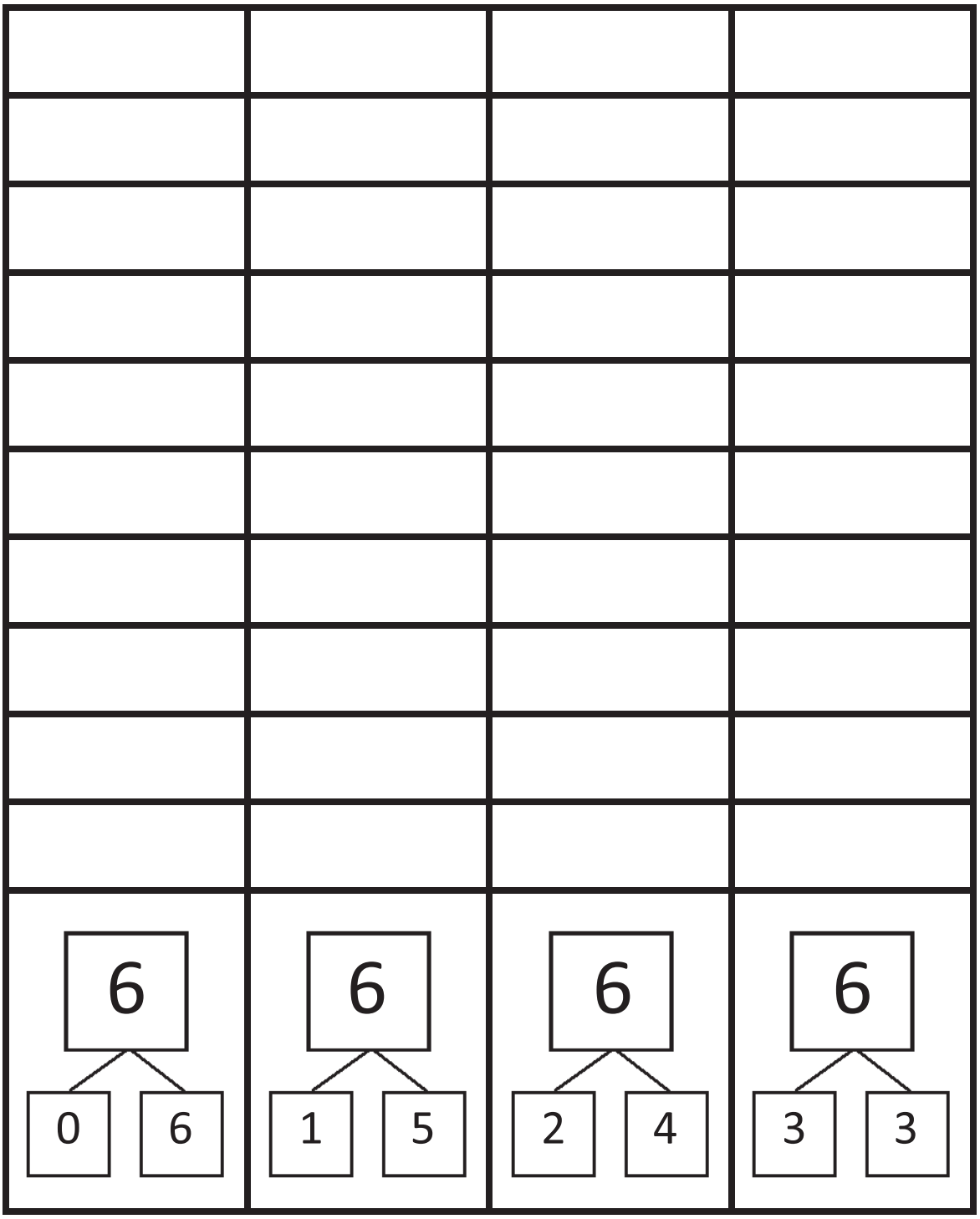
Shake Those Disks! – 6



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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 90 seconds. Write the amount you finished here:

1. 6 → 6, ☐
2. 6 → 5, ☐
3. 6 → 4, ☐
4. 6 → 5, ☐
5. 6 → 6, ☐
6. 6 → ☐, 5
7. 6 → ☐, 4
8. 6 → ☐, 5
9. 6 → ☐, 4
10. 6 → ☐, 3
11. 6 → 3, ☐
12. 6 → 4, ☐
13. 6 → 2, ☐
14. 6 → 3, ☐
15. 6 → 2, ☐
16. 6 → ☐, 5
17. 6 → ☐, 1
18. 6 → ☐, 0
19. 6 → ☐, 1
20. 6 → ☐, 0
21. 6 → 1, ☐
22. 6 → 5, ☐
23. 6 → 4, ☐
24. 6 → 2, ☐
25. 6 → 3, ☐

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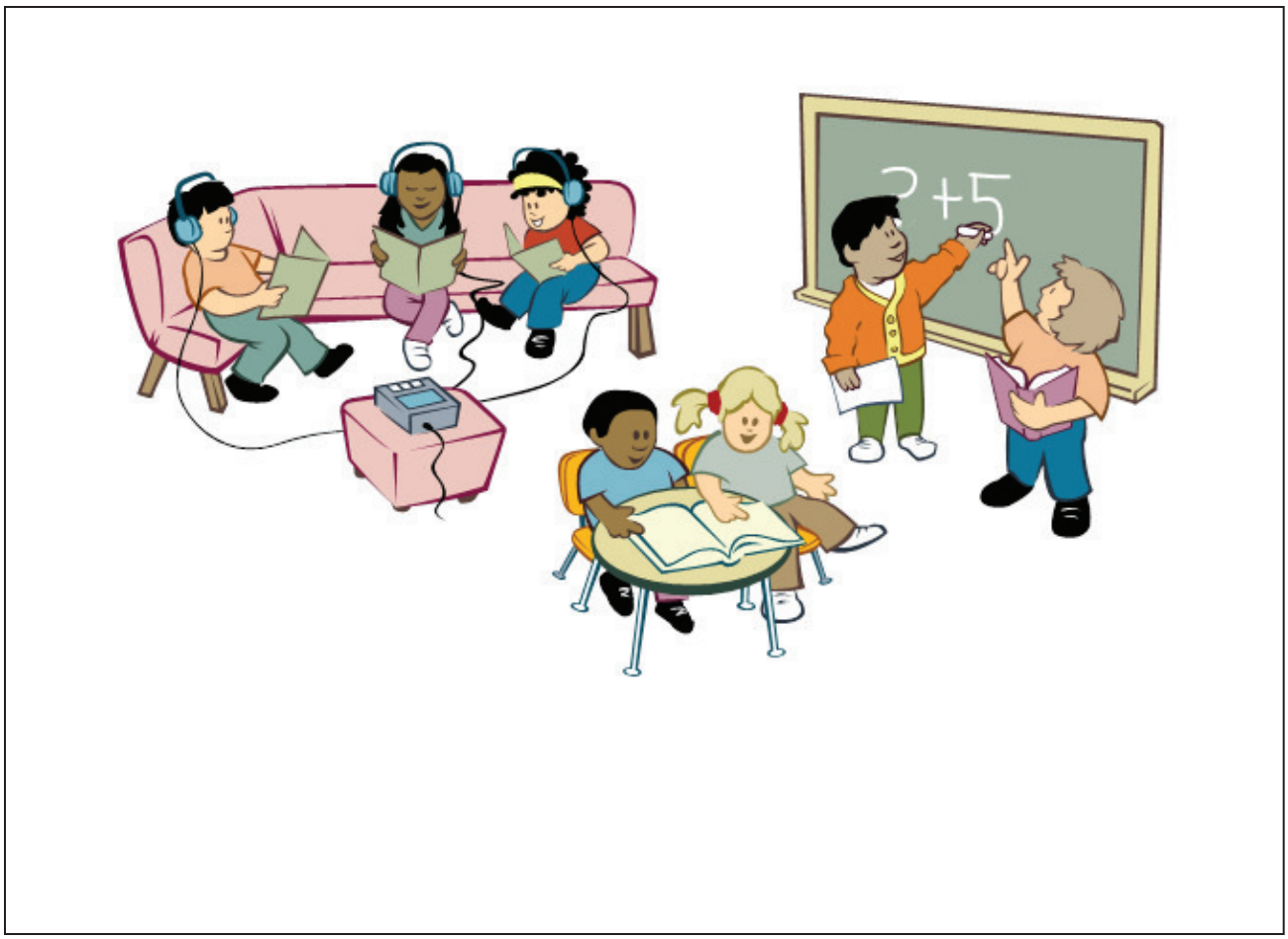

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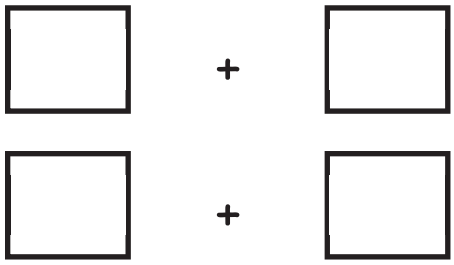
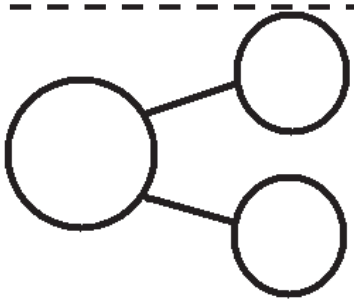
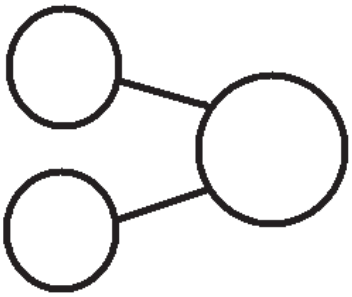
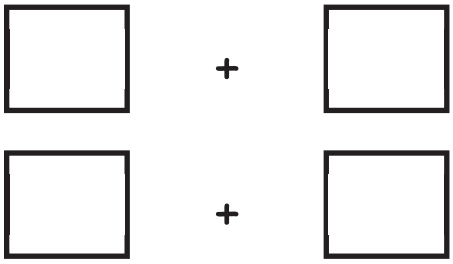
Name _____ Date _____

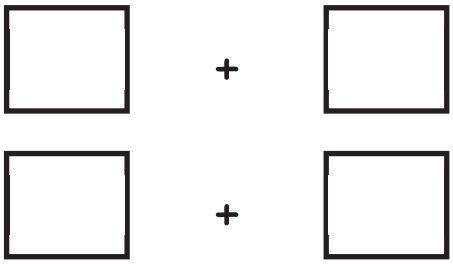
Ways to Make 7! Use the classroom picture to help you write the expressions and number bonds to show all of the different ways to make 7.

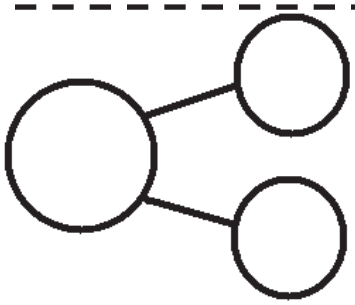


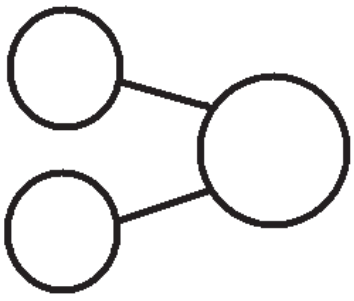


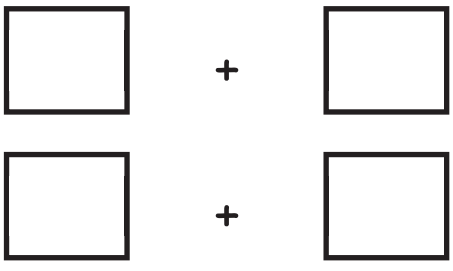












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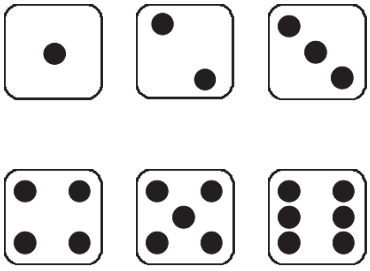
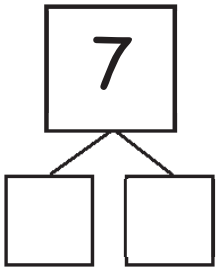
Name _____ Date _____

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





□ ○ □ = 7

7 = □ ○ □

□ ○ □ = 7

7 = □ ○ □

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5-group cards. Copy double-sided.

numerals

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

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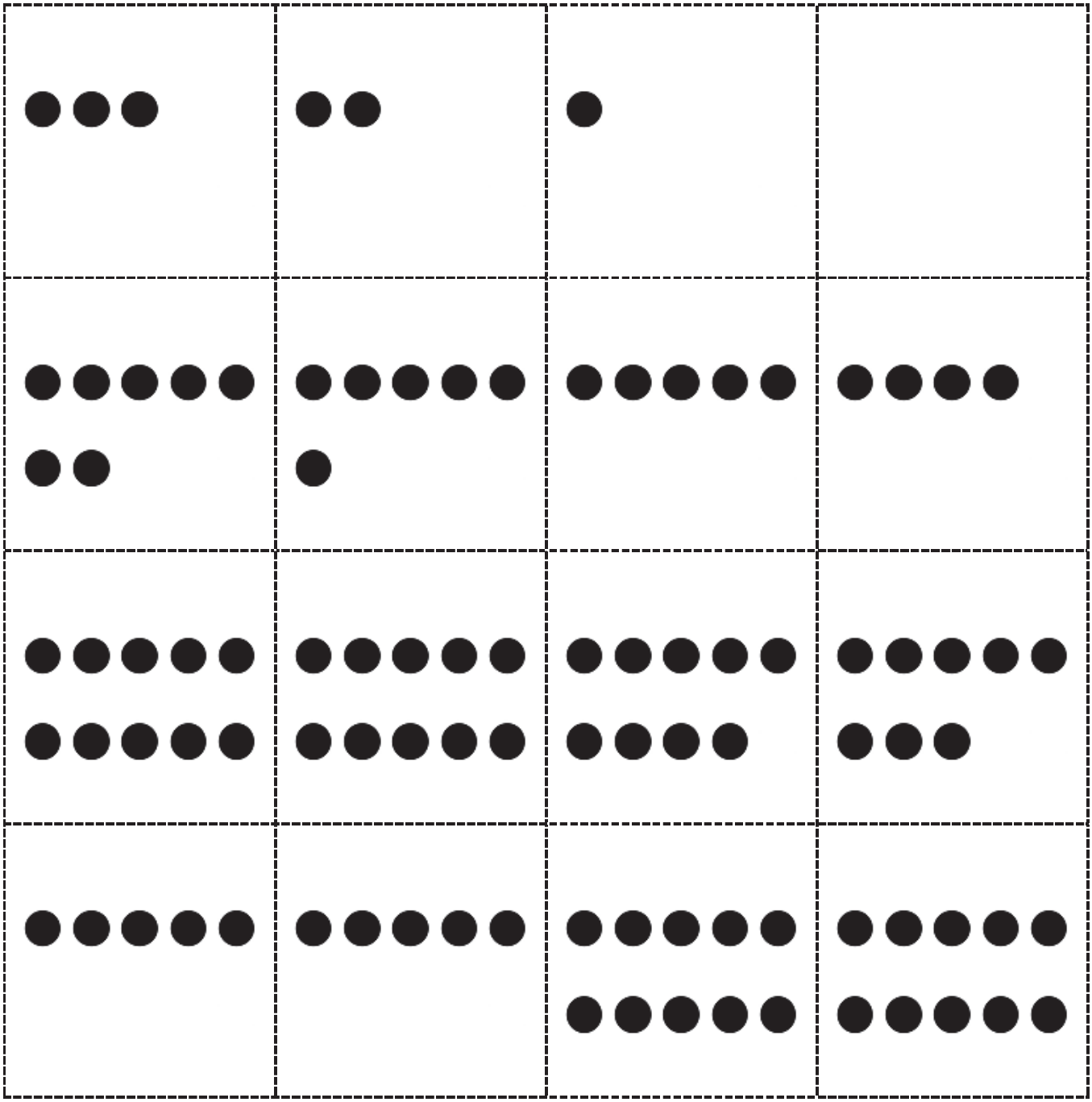
5-group cards

5 groups



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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 90 seconds. Write the amount you finished here:

1. 7 → 6 ☐
2. 7 → 7 ☐
3. 7 → 6 ☐
4. 7 → 5 ☐
5. 7 → 6 ☐
6. 7 → ☐ 7
7. 7 → ☐ 6
8. 7 → ☐ 5
9. 7 → ☐ 4
10. 7 → ☐ 3
11. 7 → 4 ☐
12. 7 → 3 ☐
13. 7 → 2 ☐
14. 7 → 5 ☐
15. 7 → 2 ☐
16. 7 → ☐ 6
17. 7 → ☐ 1
18. 7 → ☐ 0
19. 7 → ☐ 2
20. 7 → ☐ 5
21. 7 → 1 ☐
22. 7 → 5 ☐
23. 7 → 3 ☐
24. 7 → 0 ☐
25. 7 → 6 ☐

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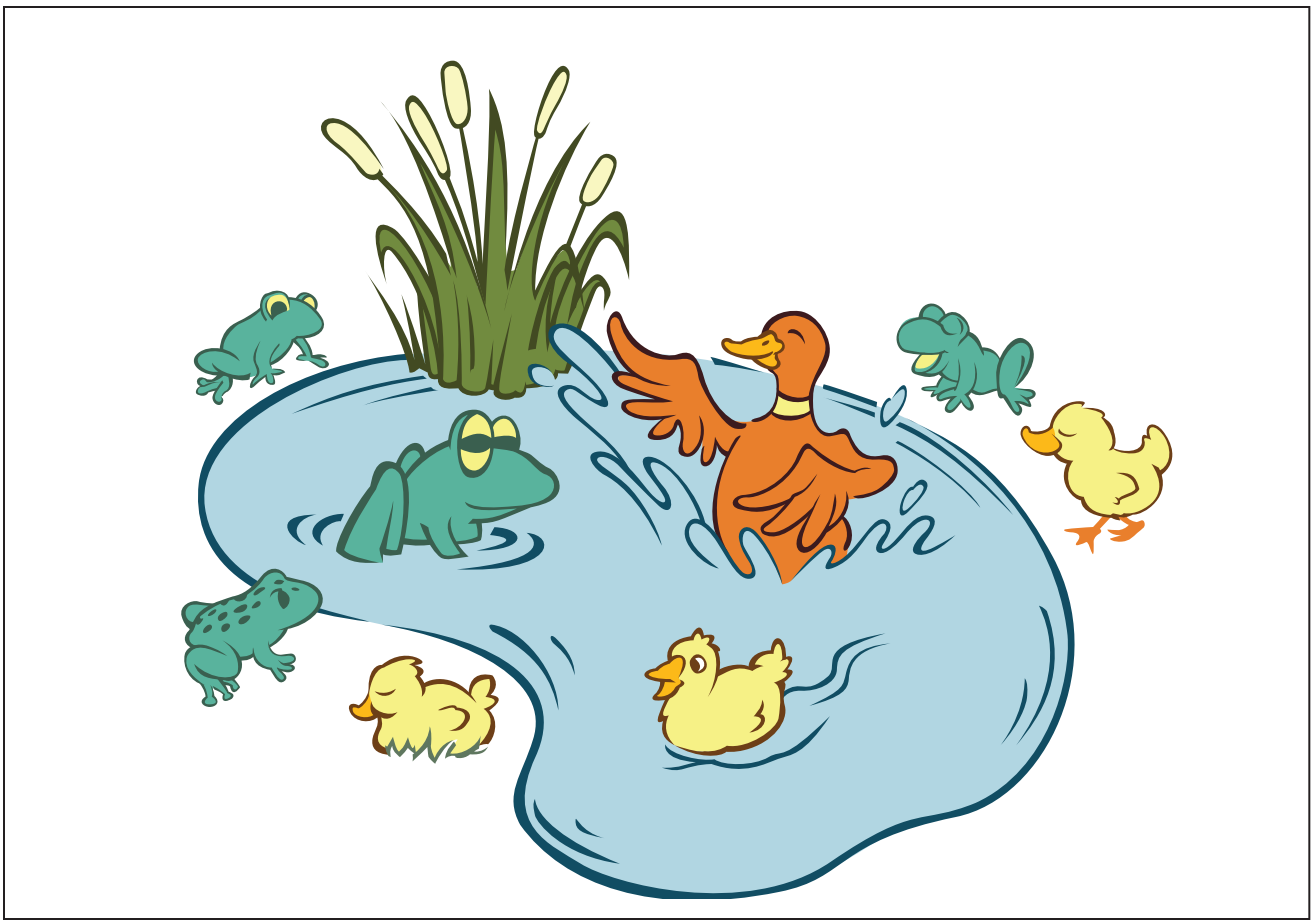

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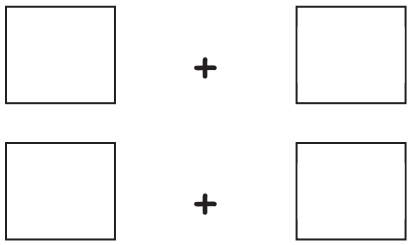
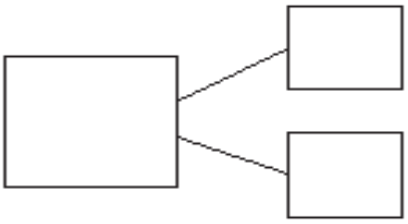
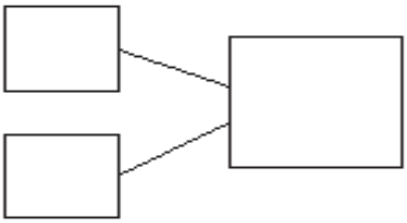
Name _____ Date _____

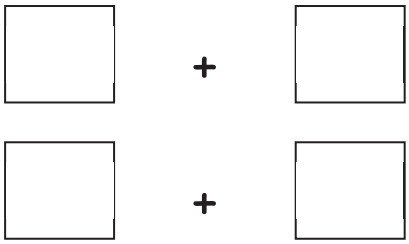
Ways to Make 8 Game Recording Sheet

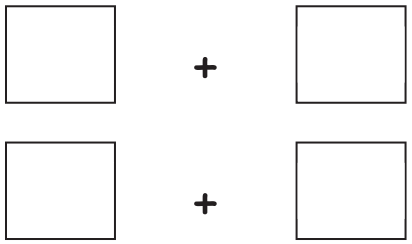
Use your 5-group cards to help you write the expressions and number bonds to show all of the different ways to make 8.

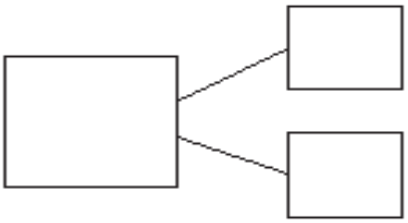


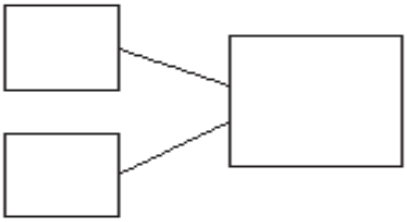


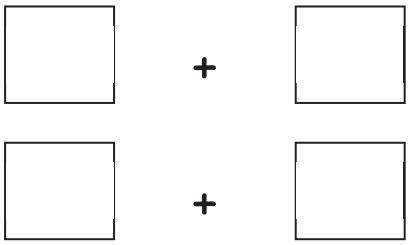


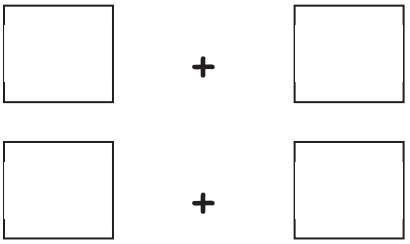


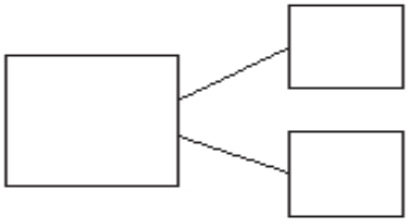












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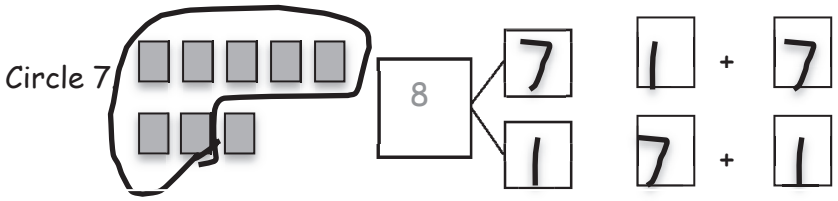
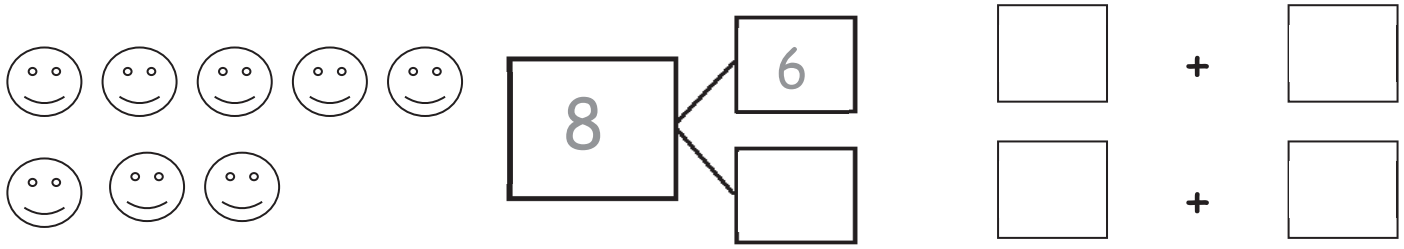
Name _____ Date _____

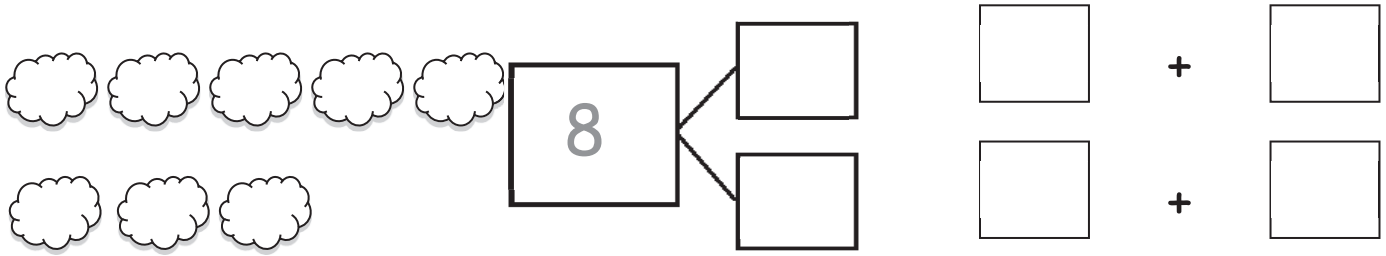
Circle the part. Count on to show 8 with the picture and number bond. Write the expressions.



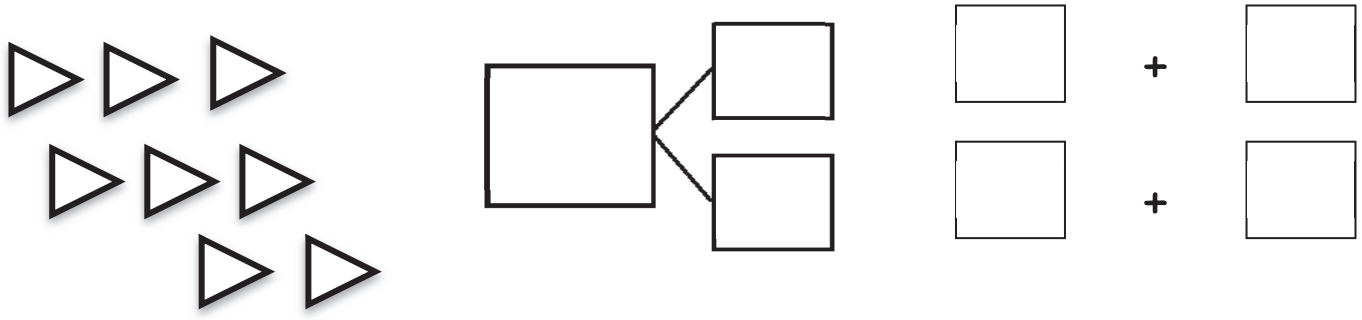
1. Circle 6. How many more does 6 need to make 8?



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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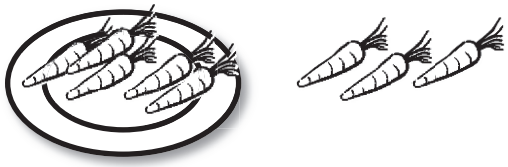
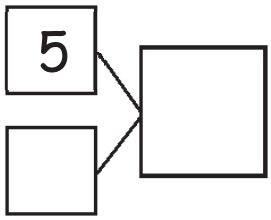
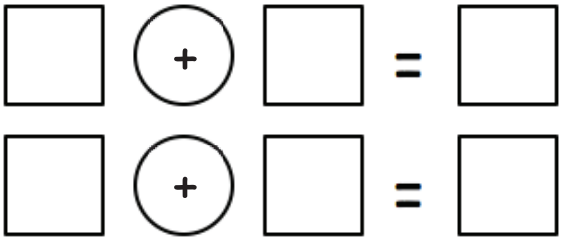
Name _____ Date _____

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

1.







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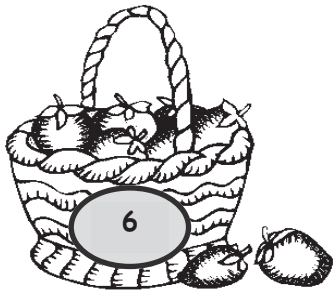

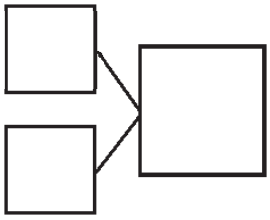

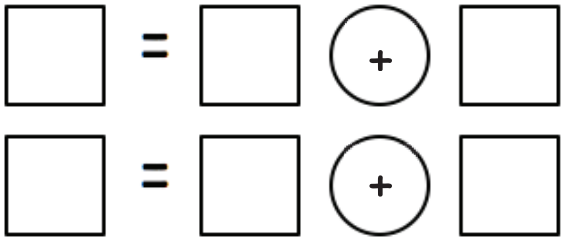

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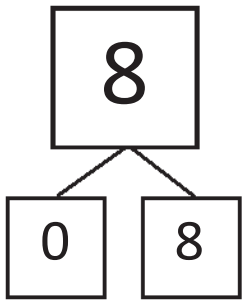
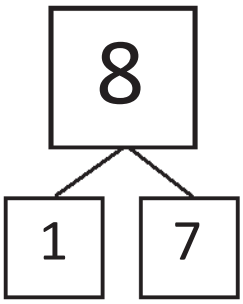
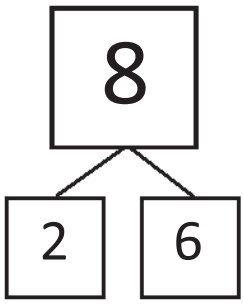
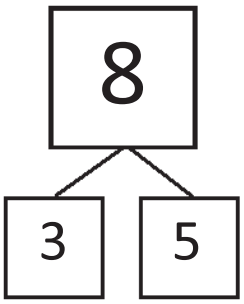
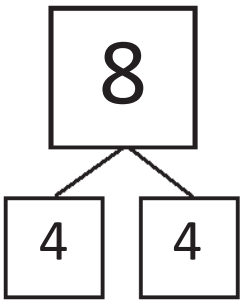
Shake Those Disks! – 8

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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 90 seconds. Write the amount you finished here:

1. 8 → 8 ☐
2. 8 → 7 ☐
3. 8 → 6 ☐
4. 8 → 7 ☐
5. 8 → 6 ☐
6. 8 → ☐ 5
7. 8 → ☐ 6
8. 8 → ☐ 5
9. 8 → ☐ 4
10. 8 → ☐ 3
11. 8 → 4 ☐
12. 8 → 5 ☐
13. 8 → 3 ☐
14. 8 → 4 ☐
15. 8 → 3 ☐
16. 8 → ☐ 6
17. 8 → ☐ 2
18. 8 → ☐ 6
19. 8 → ☐ 5
20. 8 → ☐ 3
21. 8 → 4 ☐
22. 8 → 1 ☐
23. 8 → 2 ☐
24. 8 → 0 ☐
25. 8 → 1 ☐

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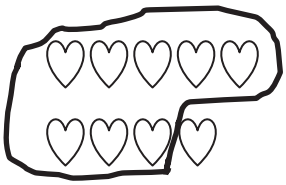
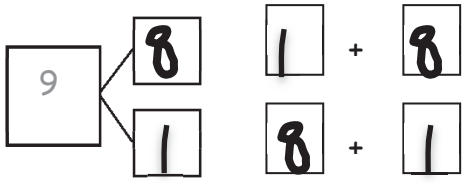
Name _____ Date _____

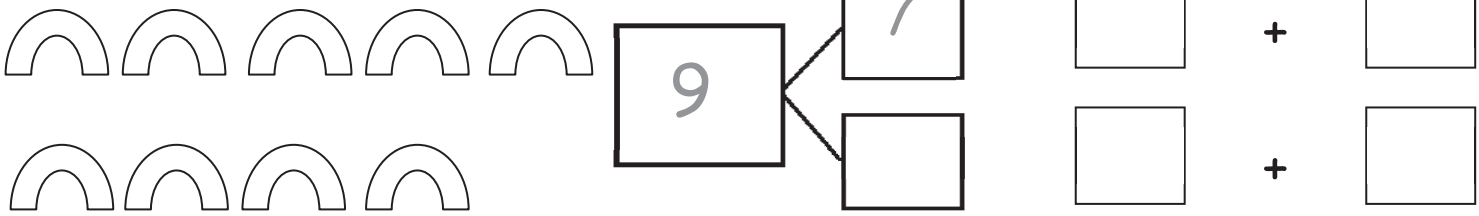
Circle the part. Count on to show 9 with the picture and number bond. Write the expressions.

Circle 8.

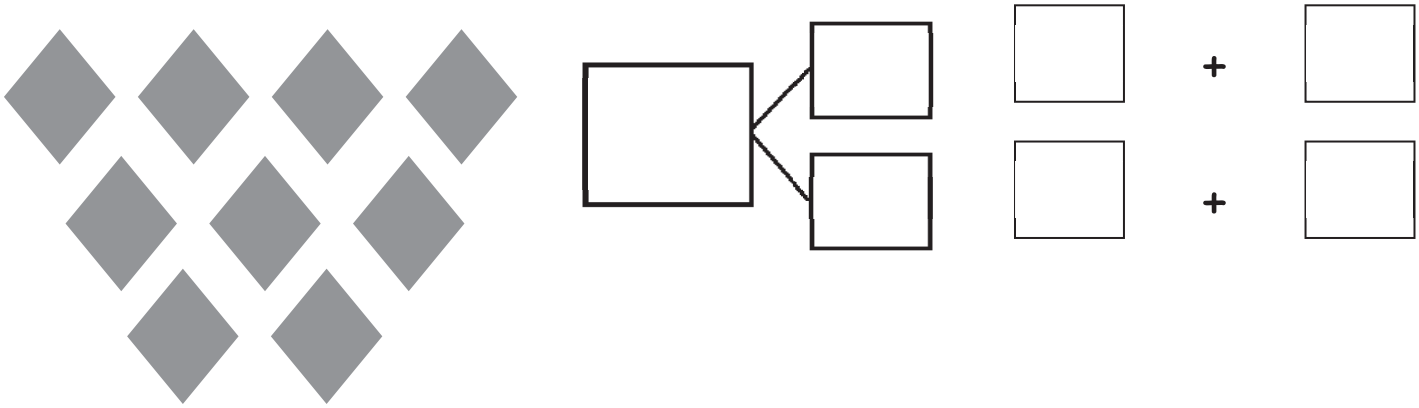




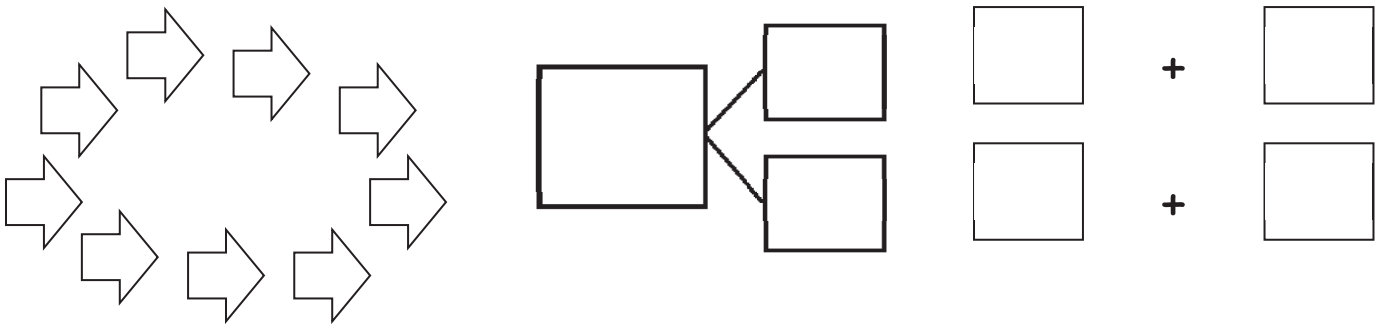
1. Circle 7. How many more does 7 need to make 9?



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



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



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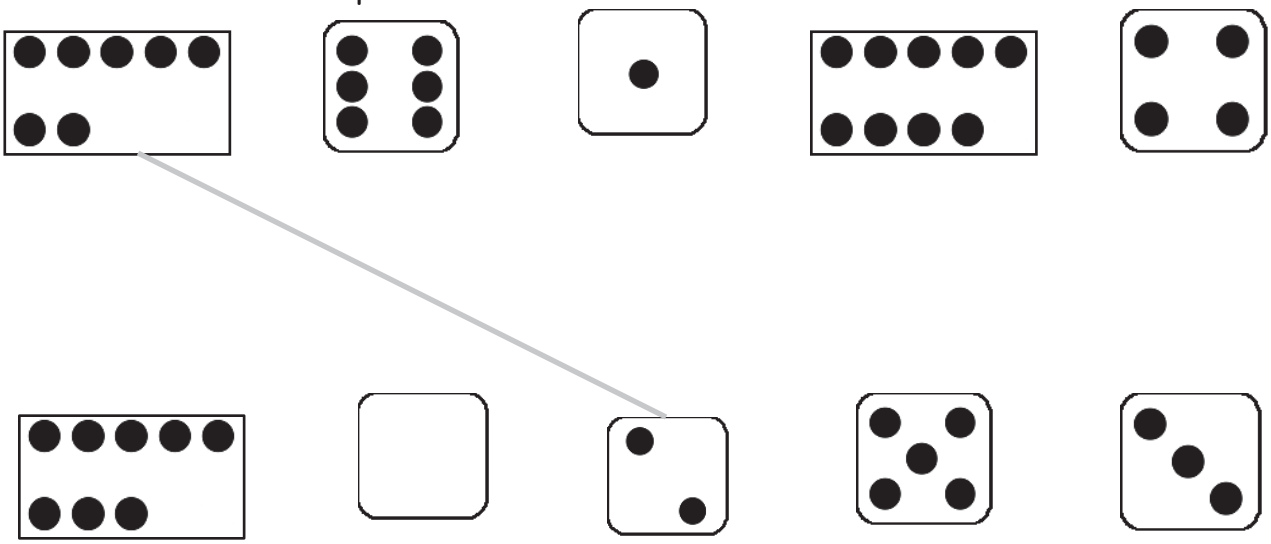
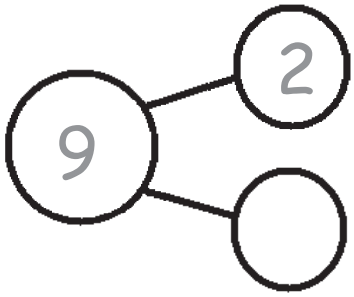
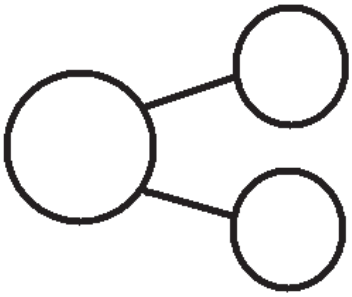
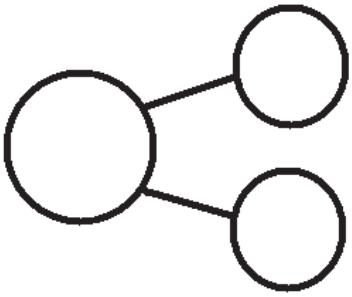
4. Draw a line to show partners of 9.

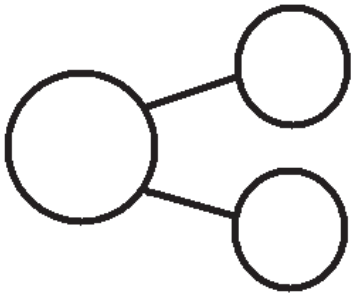


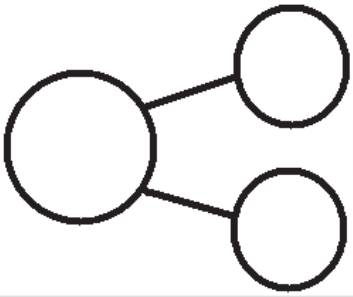
5. Write a number bond for each partner of 9. Use the partners above for help.



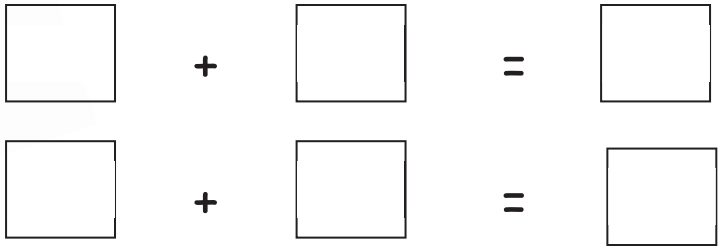








Write number sentences to match this number bond!



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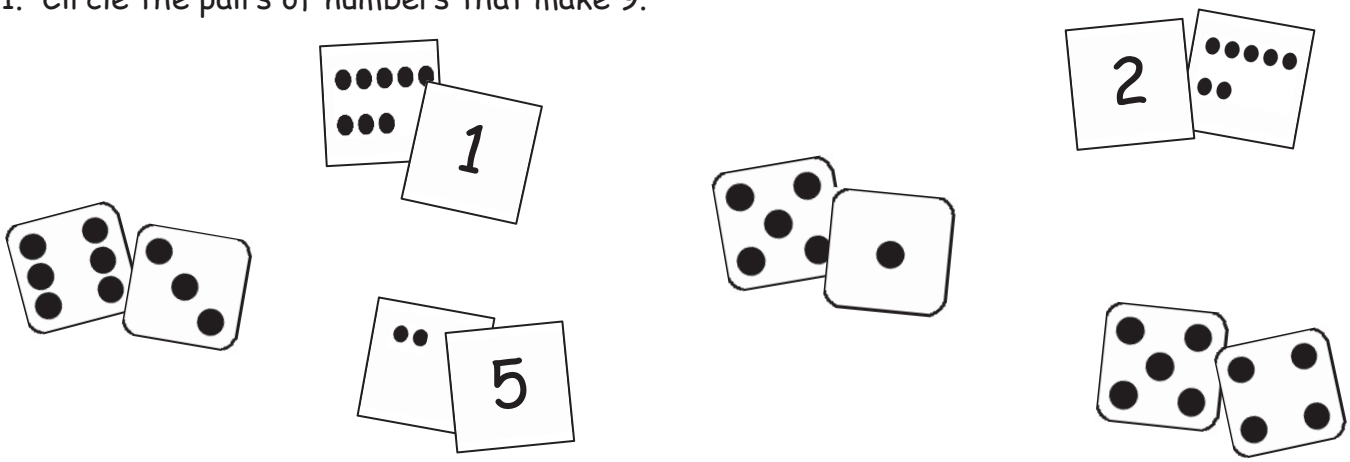
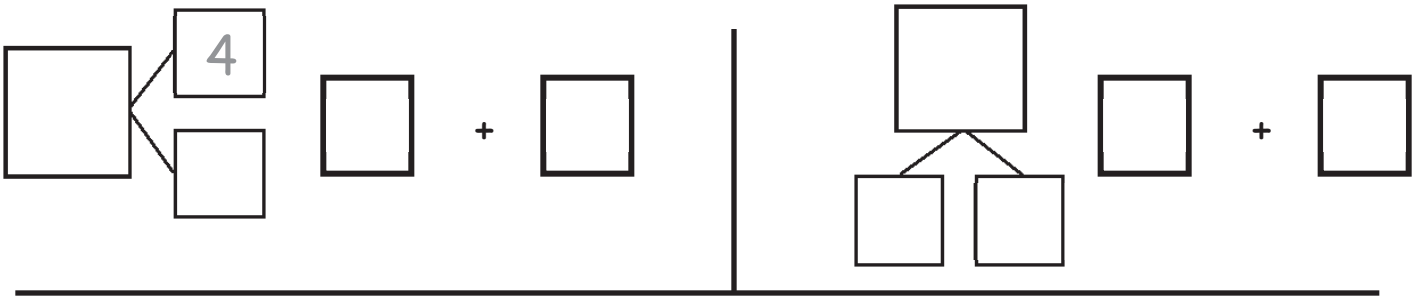
Name _____ Date _____

1. Circle the pairs of numbers that make 9.



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



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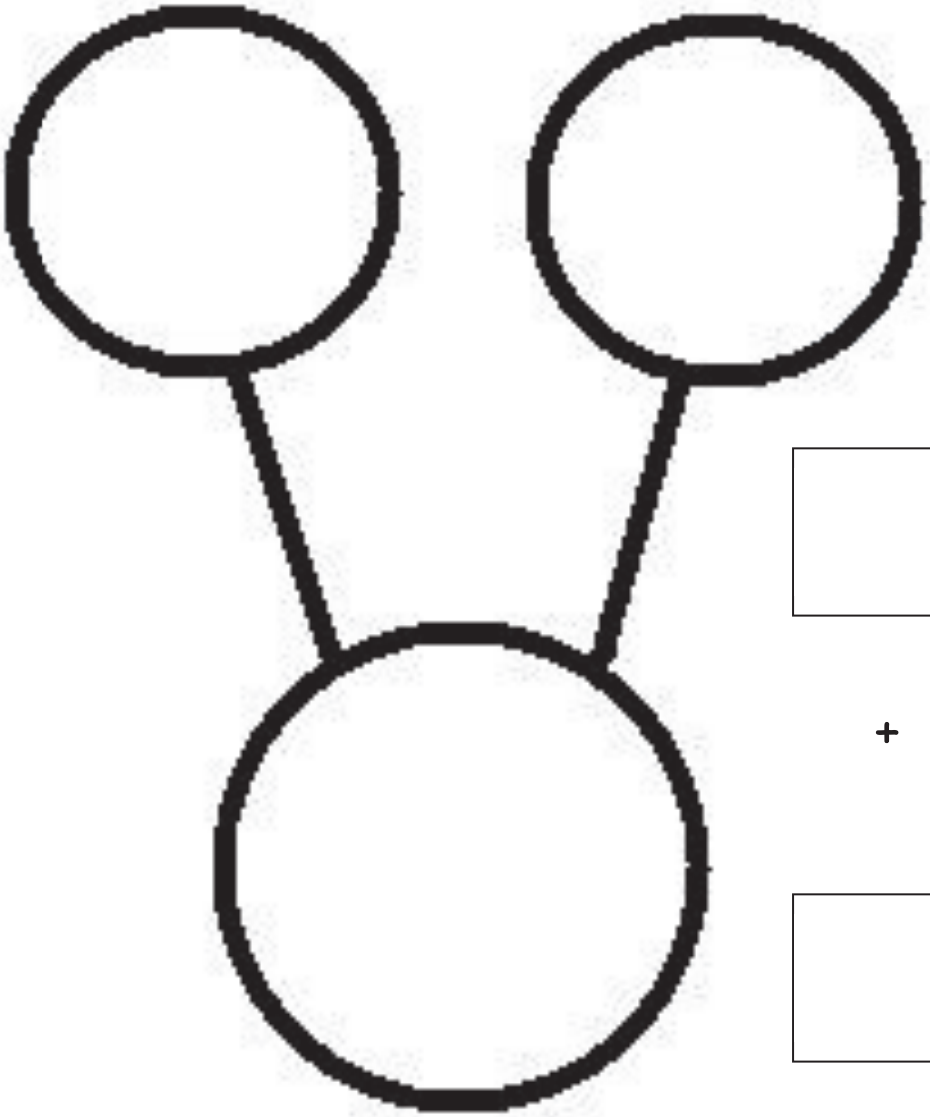
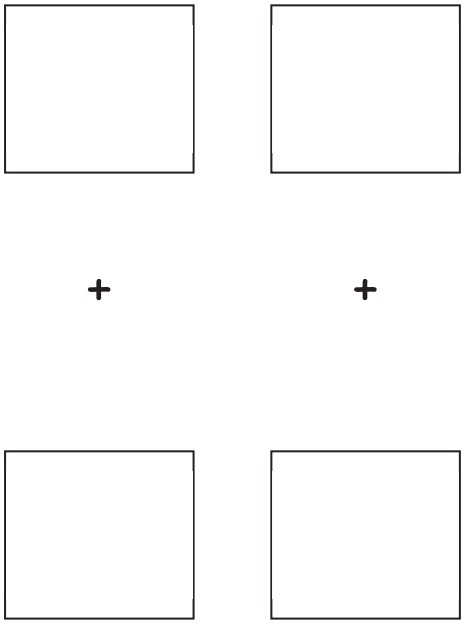
Number Bond and Expression Template





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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 90 seconds. Write the amount you finished here:

1. 9 → 8 ☐
2. 9 → 7 ☐
3. 9 → 8 ☐
4. 9 → 7 ☐
5. 9 → 9 ☐
6. 9 → ☐ 6
7. 9 → ☐ 7
8. 9 → ☐ 6
9. 9 → ☐ 5
10. 9 → ☐ 4
11. 9 → 8 ☐
12. 9 → 1 ☐
13. 9 → 7 ☐
14. 9 → 2 ☐
15. 9 → 6 ☐
16. 9 → ☐ 5
17. 9 → ☐ 6
18. 9 → ☐ 7
19. 9 → ☐ 2
20. 9 → ☐ 3
21. 9 → 5 ☐
22. 9 → 1 ☐
23. 9 → 2 ☐
24. 9 → 0 ☐
25. 9 → 2 ☐

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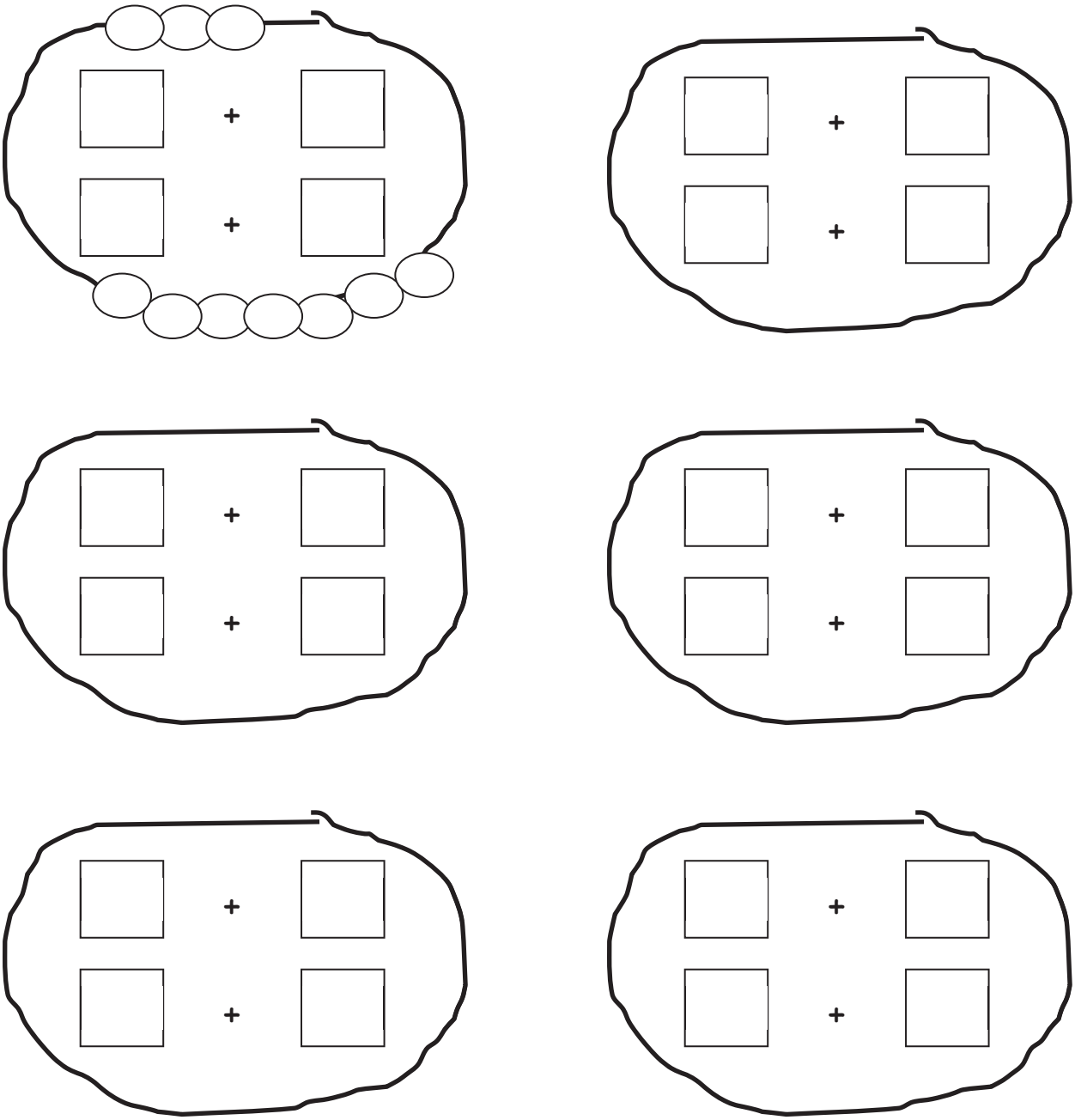
Name _____ Date _____

1. Use your bracelet to show different partners of 10. Then draw the beads.

Write an expression to match.



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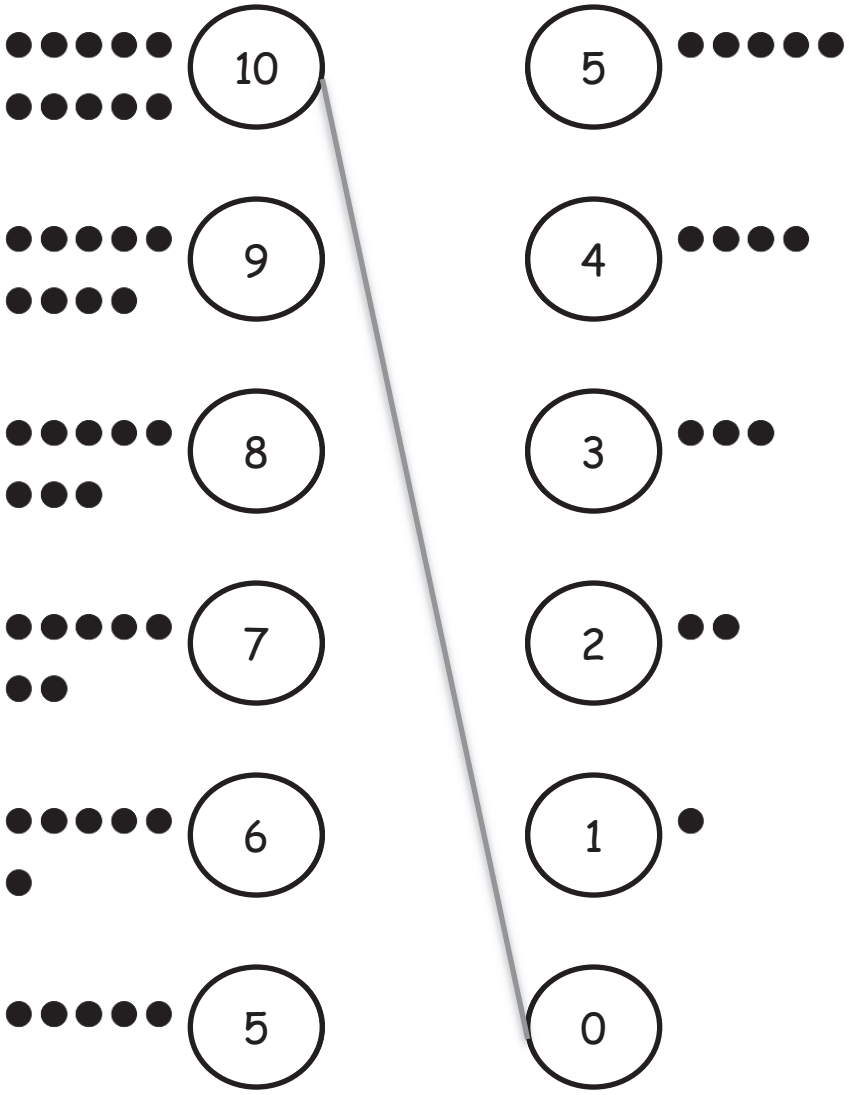
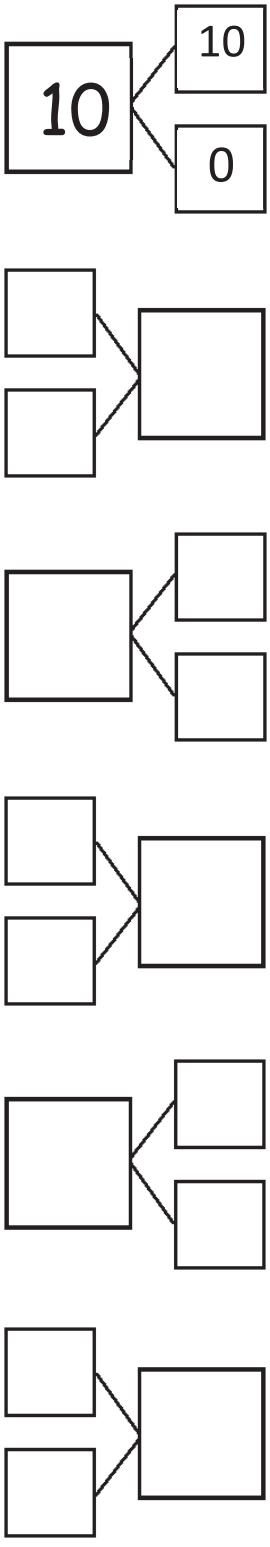
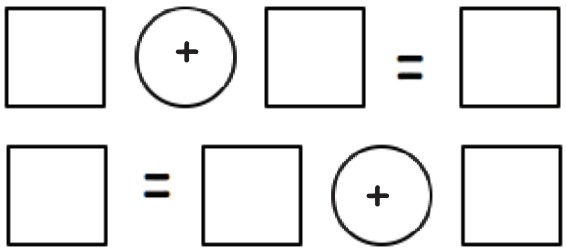
2. Match the partners of 10. Then write a number bond for each partner.





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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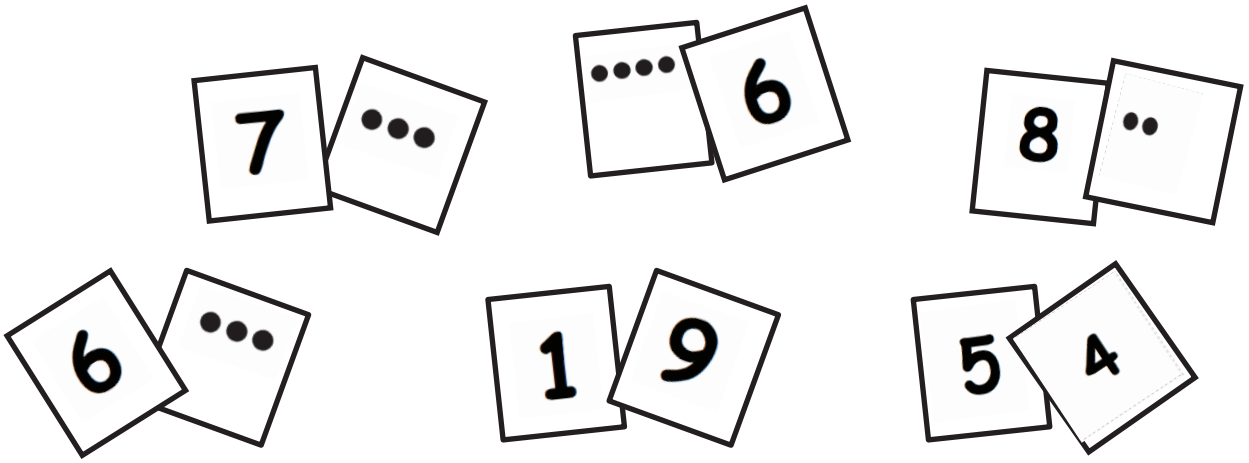
Name _____ Date _____

1. Color the partners that make 10.



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Name _____ Date _____

Number Bond Dash!

Directions: Do as many as you can in 90 seconds. Write the amount you finished here:

1. 10 → 10, ☐
2. 10 → 9, ☐
3. 10 → 8, ☐
4. 10 → 9, ☐
5. 10 → 10, ☐
6. 10 → ☐, 9
7. 10 → ☐, 8
8. 10 → ☐, 7
9. 10 → ☐, 8
10. 10 → ☐, 7
11. 10 → 6, ☐
12. 10 → 7, ☐
13. 10 → 6, ☐
14. 10 → 5, ☐
15. 10 → 4, ☐
16. 10 → ☐, 6
17. 10 → ☐, 4
18. 10 → ☐, 3
19. 10 → ☐, 4
20. 10 → ☐, 3
21. 10 → 0, ☐
22. 10 → 1, ☐
23. 10 → 2, ☐
24. 10 → 4, ☐
25. 10 → 2, ☐

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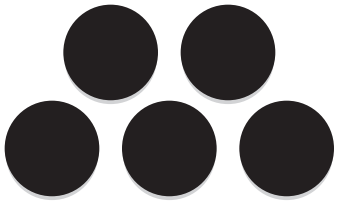
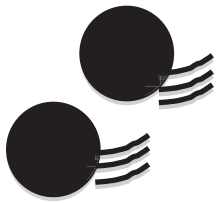
Name _____ Date _____

1.

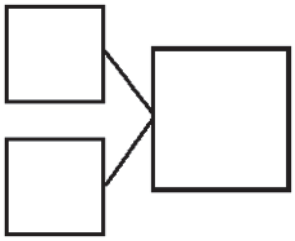




☐ + ☐ = ☐

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

Make a number bond to match the story.



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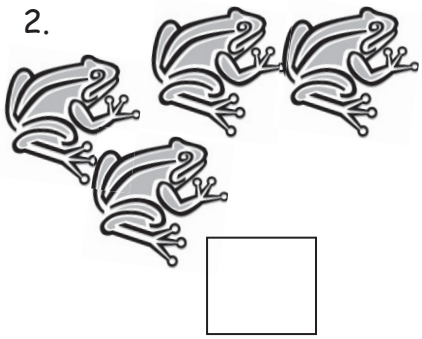
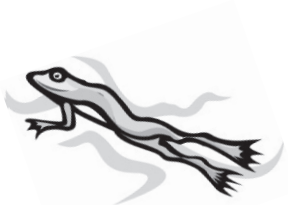
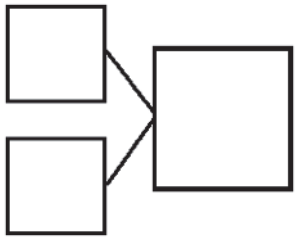




☐ + ☐ = ☐

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

Make a number bond to match the story.



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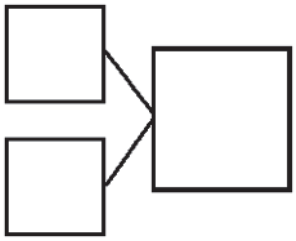
3.

☐ + ☐ = ☐

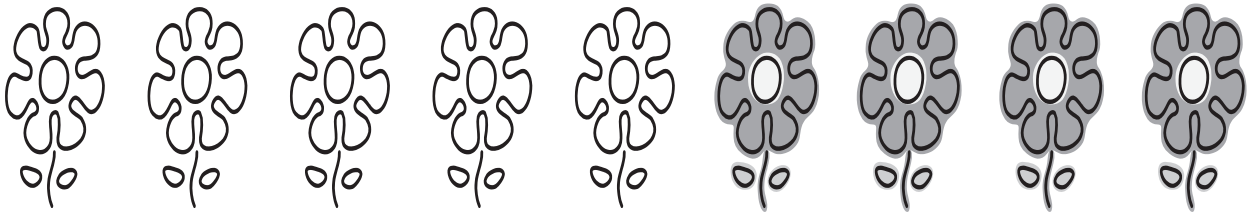
There are _____ dark flags. There are ___ white flags.

Altogether, there are _____ flags.

Make a number bond to match the story.



4.

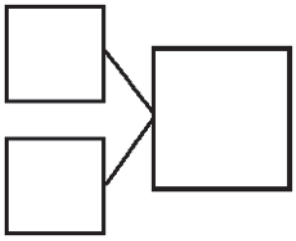


☐ + ☐ = ☐

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 _____

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

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

Ben has _____ balls.

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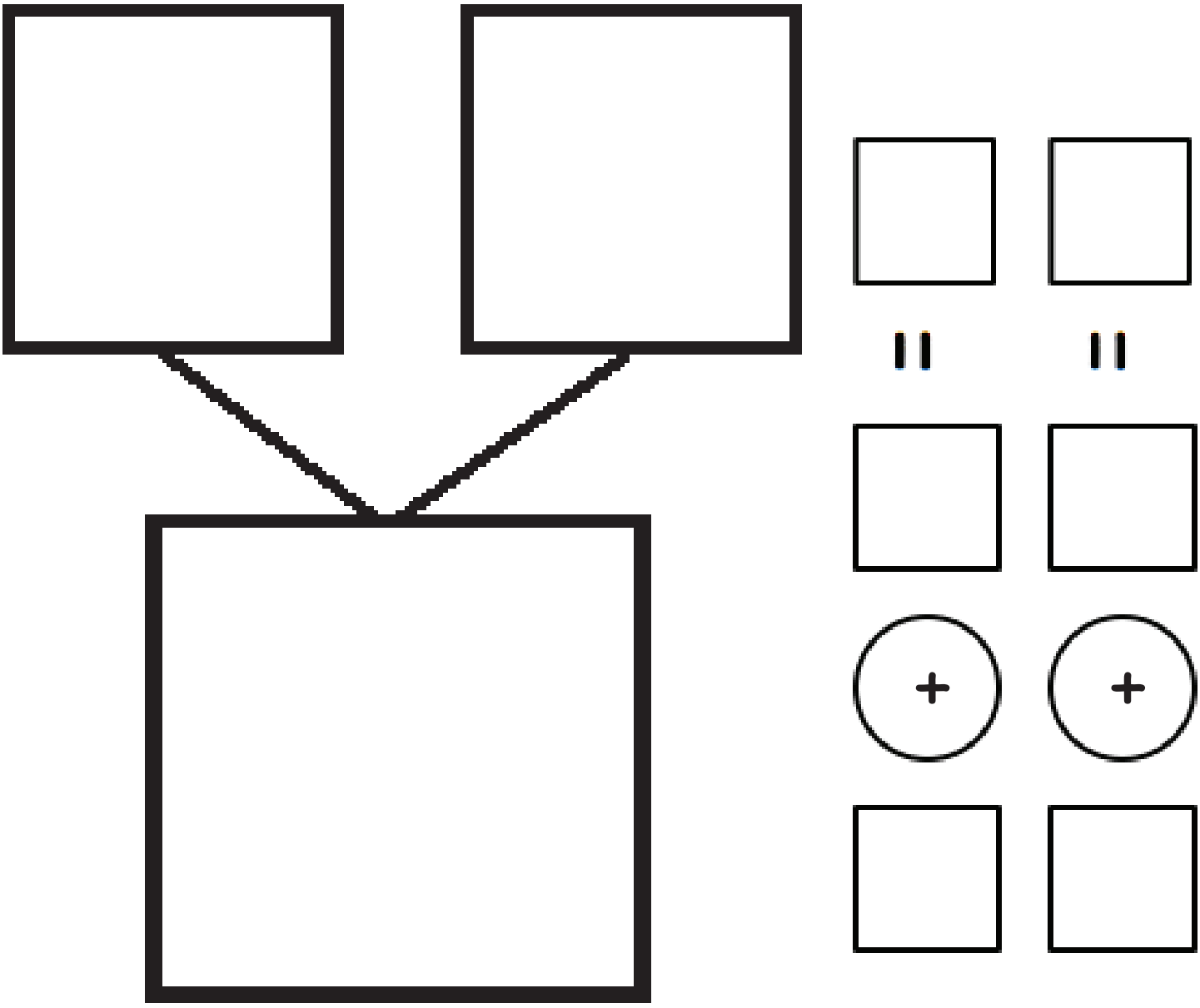

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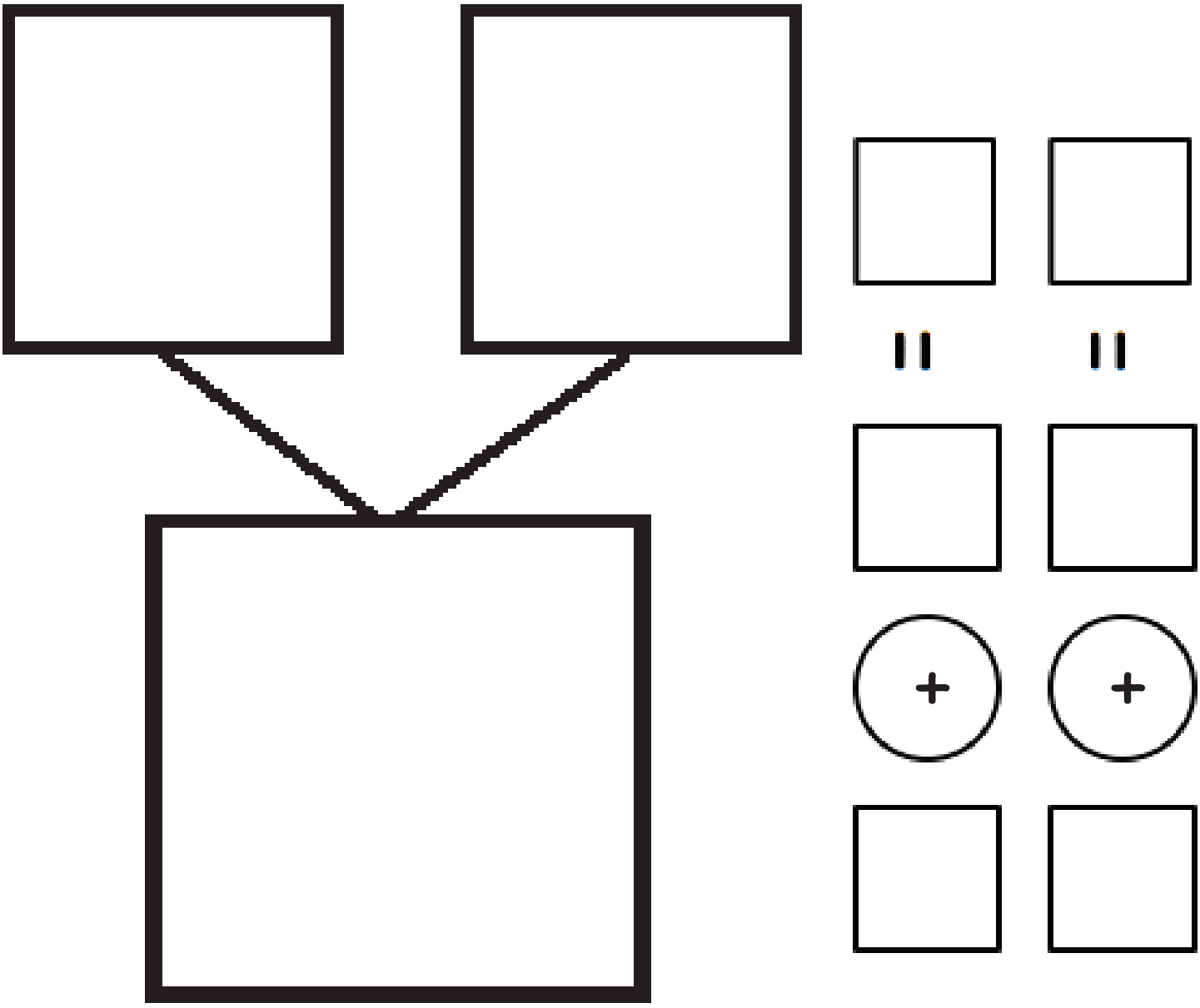

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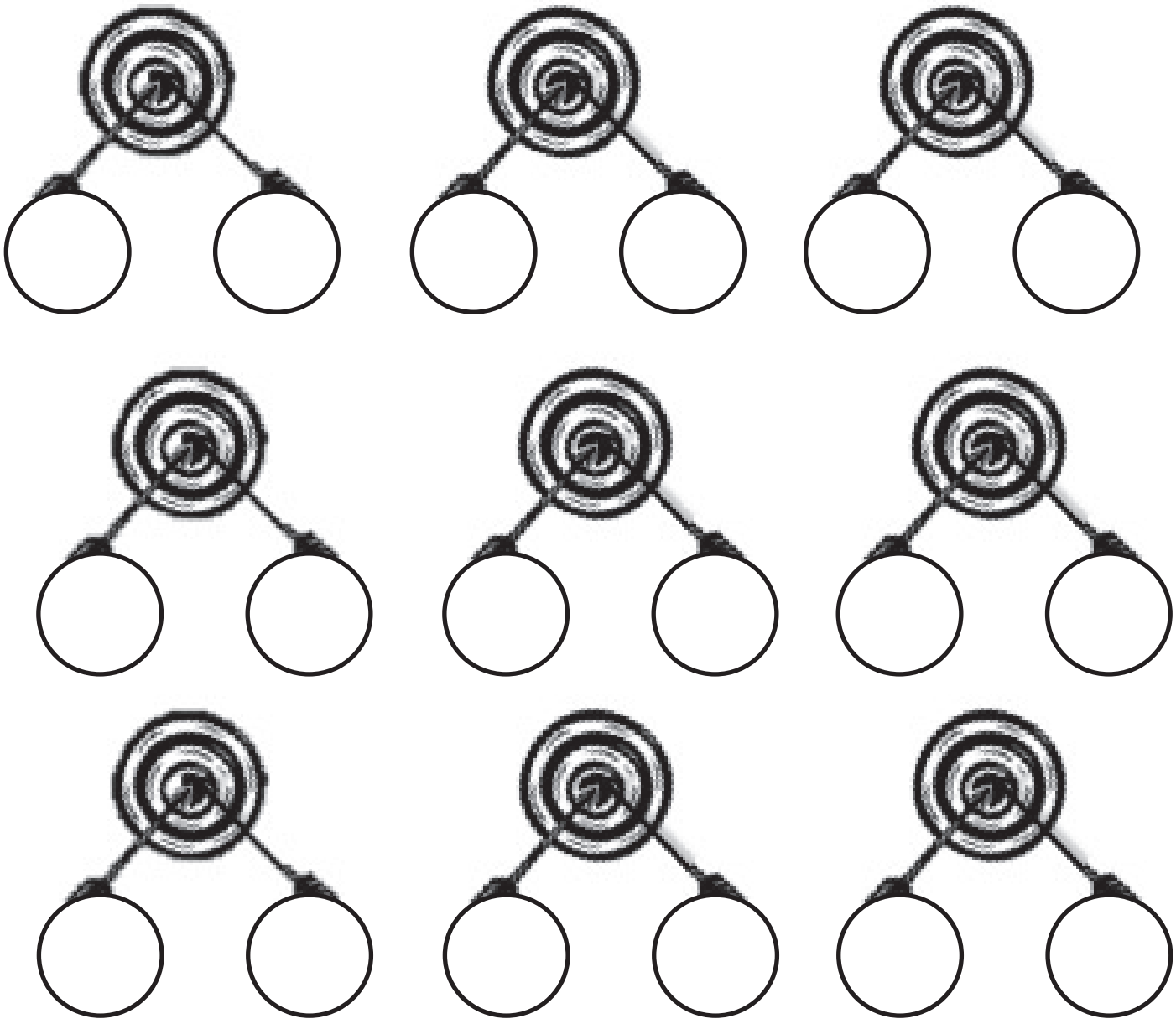
Target Number:

Target Practice

Directions: Choose a *target number* between 6 and 10 and write it in the middle of the circle on the top of the page. Roll a die. Write the number rolled in the circle at the end one of the arrows. Then, make a bull's-eye by writing the number needed to make your target in the other circle.



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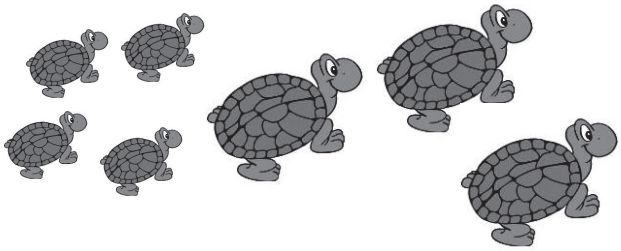
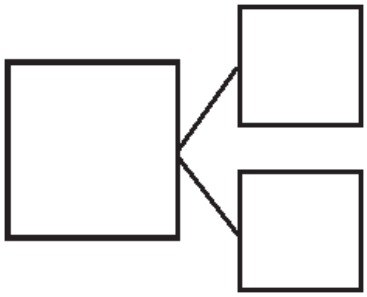
Name _____ Date _____

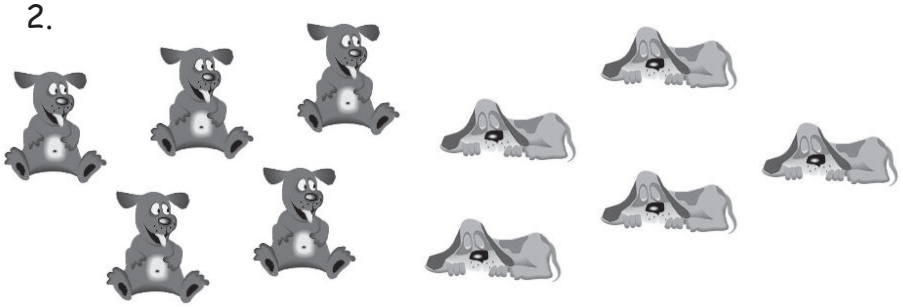
1. Use the picture to write the number sentence and the number bond.

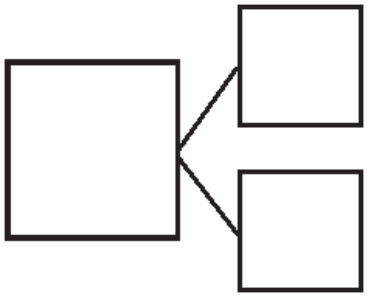




_____ little turtles + _____ big turtles = _____ turtles

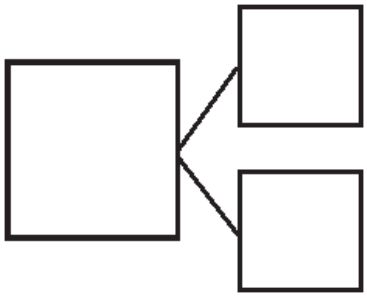
2.





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

3.



_____ pigs + _____ pigs in mud = _____ pigs

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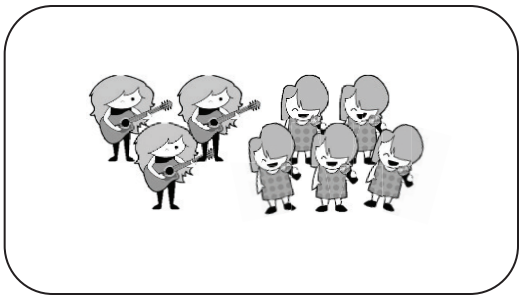
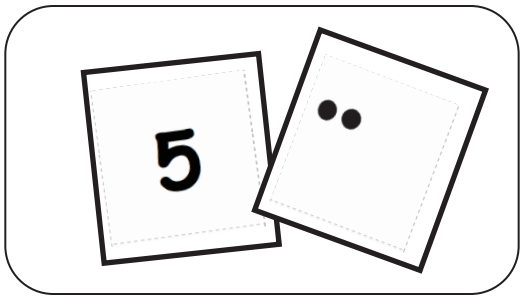
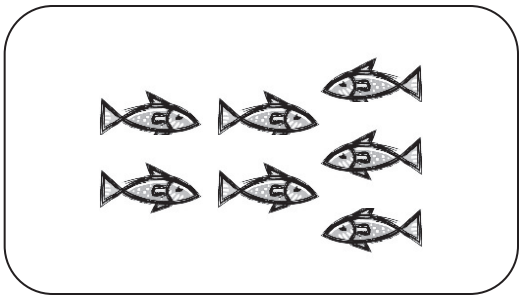
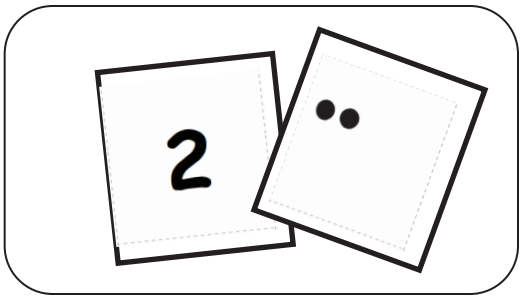
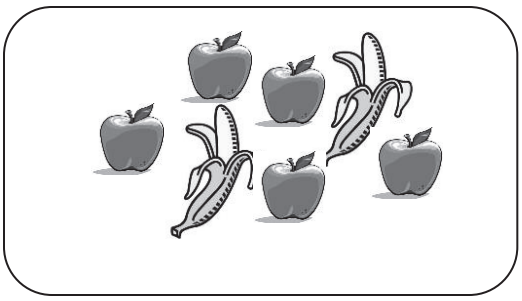
4. Draw a line from the picture to the matching 5-group cards.

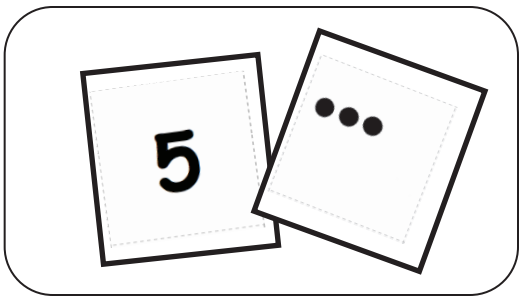


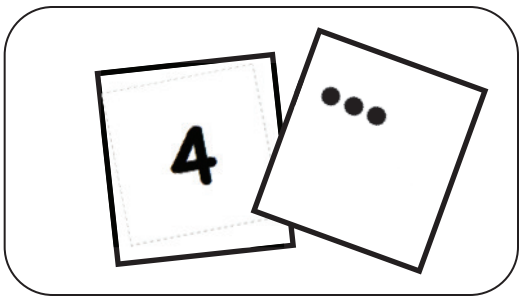












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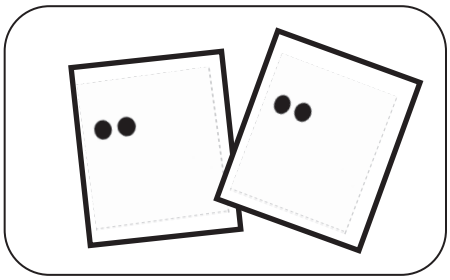
Name _____ Date _____

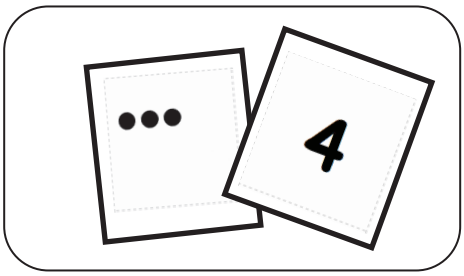
Draw to show the story. There are 3 large balls and 4 small balls.

□ + □ = □

How many balls are there? There are _____ balls.

Circle the set of numeral tiles that match your picture.





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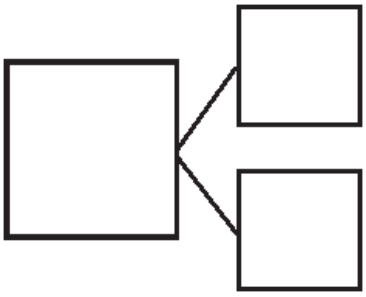
Name _____ Date _____

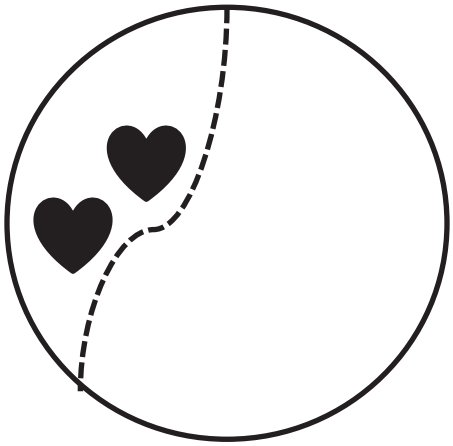
1. Jill was given a total of 5 flowers for her birthday. Draw more flowers in the vase to show Jill's birthday flowers.

How many flowers did you have to draw? ___ flowers

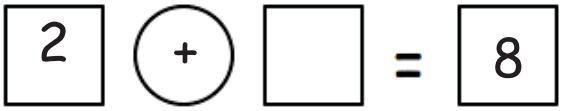
Write a number sentence and a number bond to match the story.



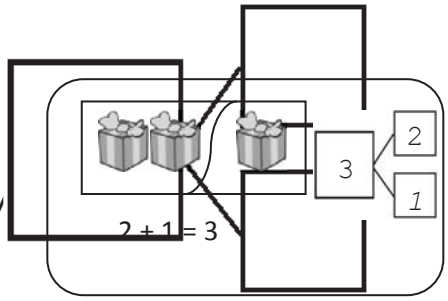
2. Kate and Nana were baking cookies. They made 2 heart cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and count on to show the story.



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



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



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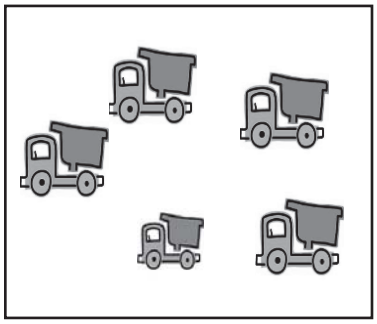
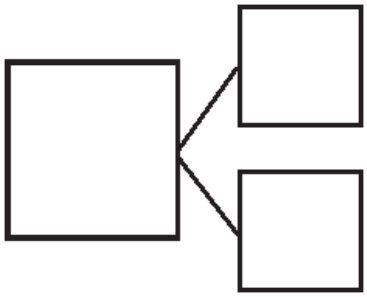
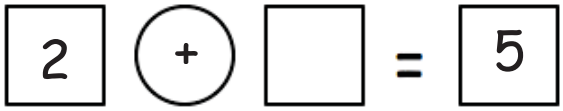
3. Bill has 2 trucks. His friend, James came over with some more. Together they had 5 trucks. How many trucks did James bring over?





James brought over _____ trucks.

Write a number sentence to explain the story.



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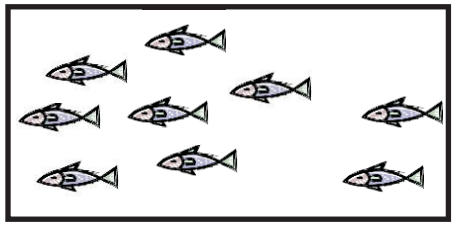
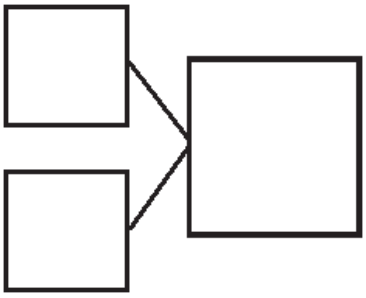
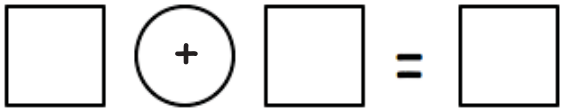
4. Jane caught 7 fish before she stopped to eat lunch. After lunch she caught some more . At the end of the day she had 9 fish. How many fish did she catch after lunch?





Jane caught _____ fish after lunch.

Write a number sentence to explain the story.



Name _____ _____ Date _____

_____

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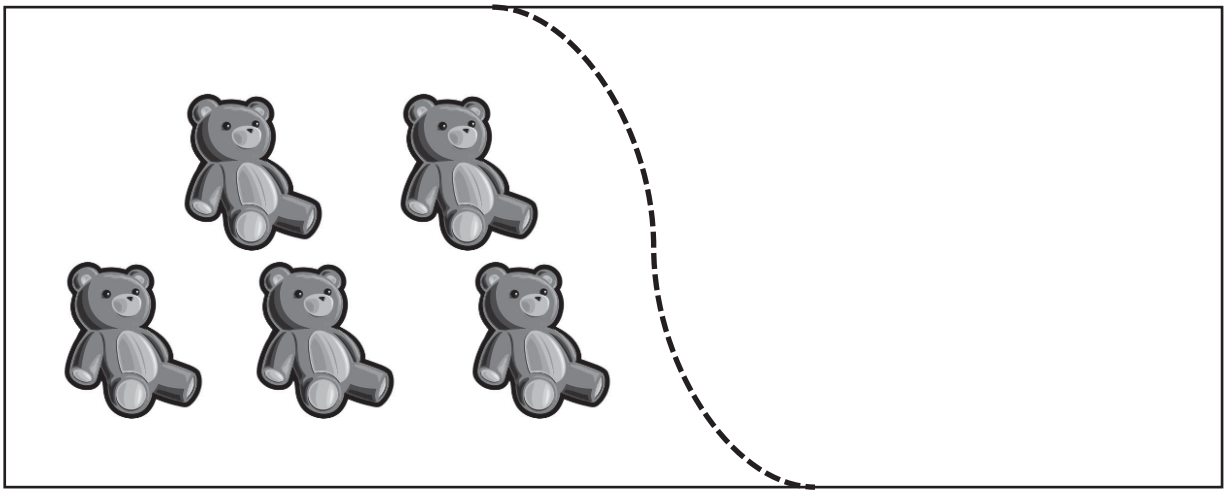
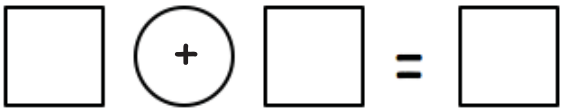
1. Draw more bears to show that Jen has 8 bears total.



I added _____ more bears.

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



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Number Sentence Cards

3	+	2	=	5
7	+	1	=	8
6	+	1	=	7
4	+	2	=	6
6	=	5	+	1
10	=	7	+	3
8	=	6	+	2
7	=	5	+	2

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Name _____ Date _____

Use your

5-group cards

Fill in the missing numbers.

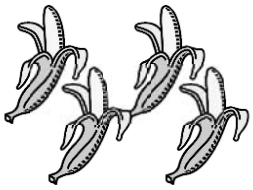
1.

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 _____

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

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

Write a number sentence to match your picture.

☐ = ☐ + ☐

John caught _____ fish.

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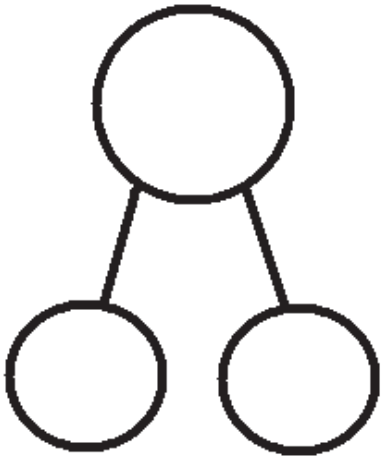
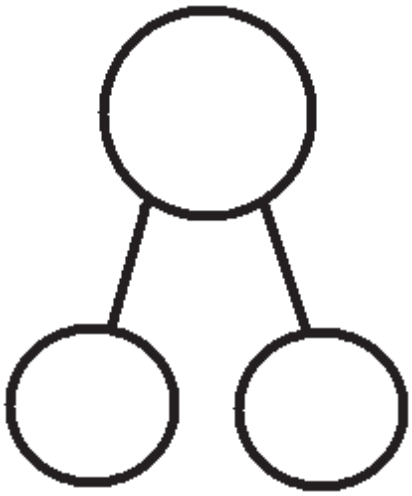
Name _____ Date _____

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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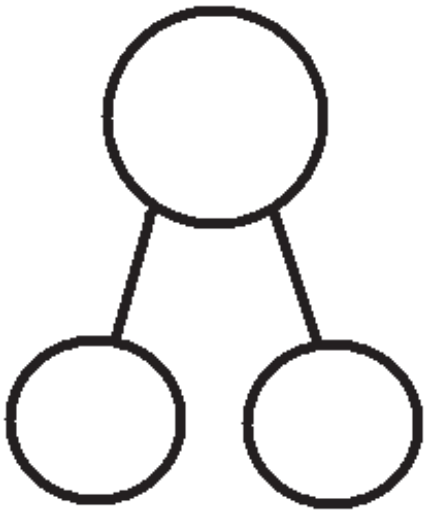
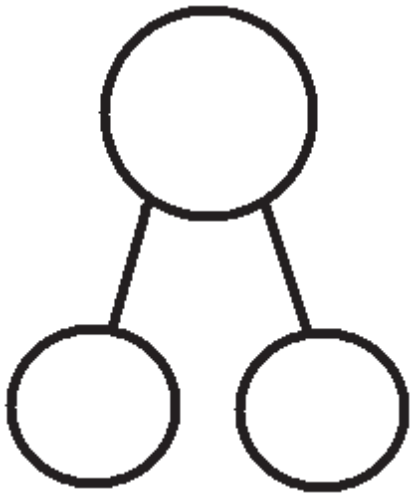
3. $5 + \square = 7$



4. $6 + \square = 10$



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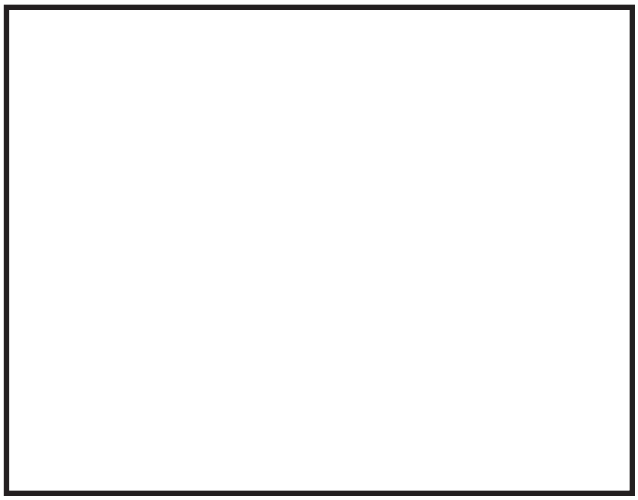
Name _____ Date _____

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

1. 5 + 1 = 6



2. 3 + ? = 8

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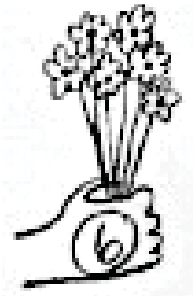
Name _____ Date _____

1. Count on to add.

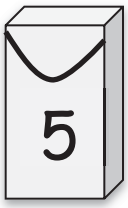


☐ + ☐ = ☐ There are ____ flowers altogether.

2.

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

3.



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

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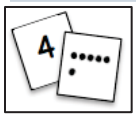

4. Use your 5-group cards to count on to add. Try to use as few dot cards as you can.

6 + 1 = ☐

6 + 3 = ☐

7 + 2 = ☐

☐ = 5 + 3

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

8 + 2 = ☐

☐ = 4 + 1

4 + 3 = ☐

☐ = 6 + 3

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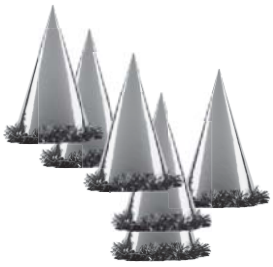
Name _____ Date _____



6

6 + 2 = ☐

I counted _____ more hats.

Count on to solve the number sentences.

7 + 3 = ☐

8 + 2 = ☐

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A

Number correct: _____

Name _____ Date _____

*Count on to add.

1	1 + 1		16	4 + 3	
2	2 + 1		17	5 + 3	
3	3 + 1		18	7 + 3	
4	3 + 2		19	7 + 2	
5	1 + 2		20	8 + 2	
6	2 + 2		21	6 + 2	
7	2 + 3		22	6 + 1	
8	2 + 1		23	6 + 1	
9	2 + 2		24	6 + 2	
10	3 + 2		25	7 + 2	
11	5 + 2		26	8 + 2	
12	8 + 2		27	2 + 8	
13	8 + 1		28	2 + 6	
14	7 + 1		29	3 + 6	
15	9 + 1		30	4 + 5	

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B

Number correct: ____

Name _____ Date _____

*Count and write the number.

1	1 + 1		16	4 + 2	
2	2 + 2		17	3 + 2	
3	3 + 2		18	5 + 2	
4	2 + 2		19	7 + 2	
5	2 + 1		20	7 + 3	
6	3 + 1		21	6 + 3	
7	3 + 2		22	6 + 2	
8	3 + 2		23	6 + 2	
9	2 + 2		24	5 + 2	
10	4 + 2		25	7 + 2	
11	1 + 2		26	6 + 2	
12	2 + 1		27	2 + 6	
13	3 + 1		28	2 + 7	
14	5 + 1		29	3 + 7	
15	7 + 1		30	4 + 7	

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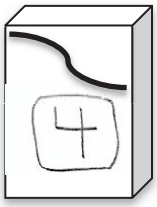
Name _____ Date _____

1. Count on to add.

□ + □ = □ There are ____ crayons altogether.

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



In all, there are ____ pencils.

□ = □ + □

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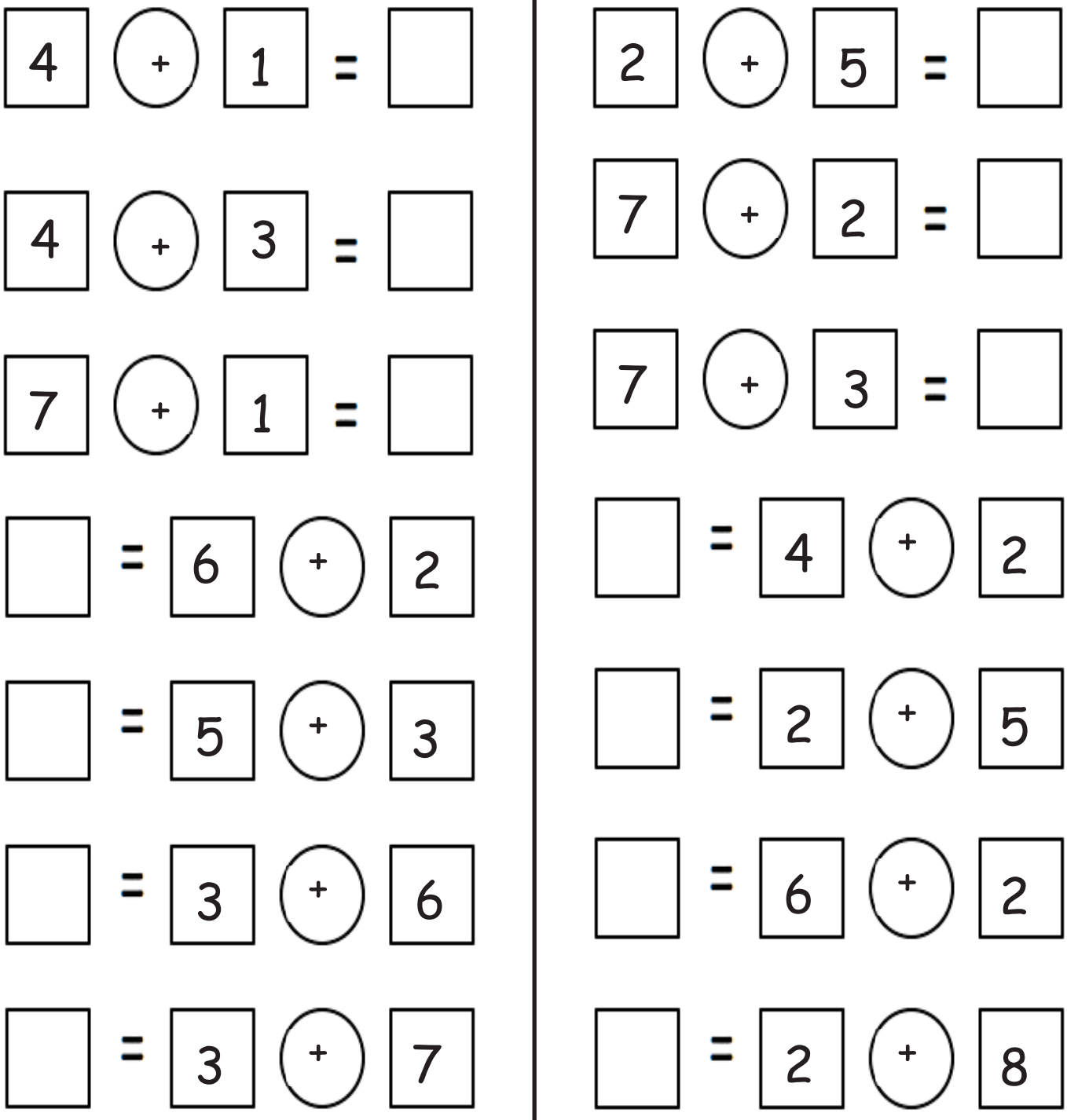
2. What shortcut or efficient strategy can you find to add?



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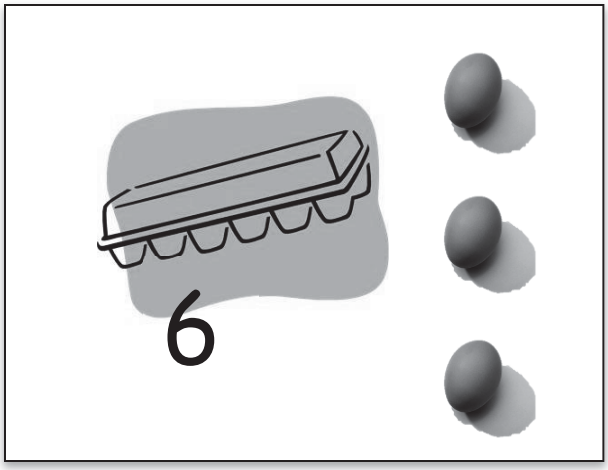
Name _____ Date _____

Use the picture to add.



Show the shortcut you used to add.

☐ + ☐ = ☐

There are _____ eggs total.

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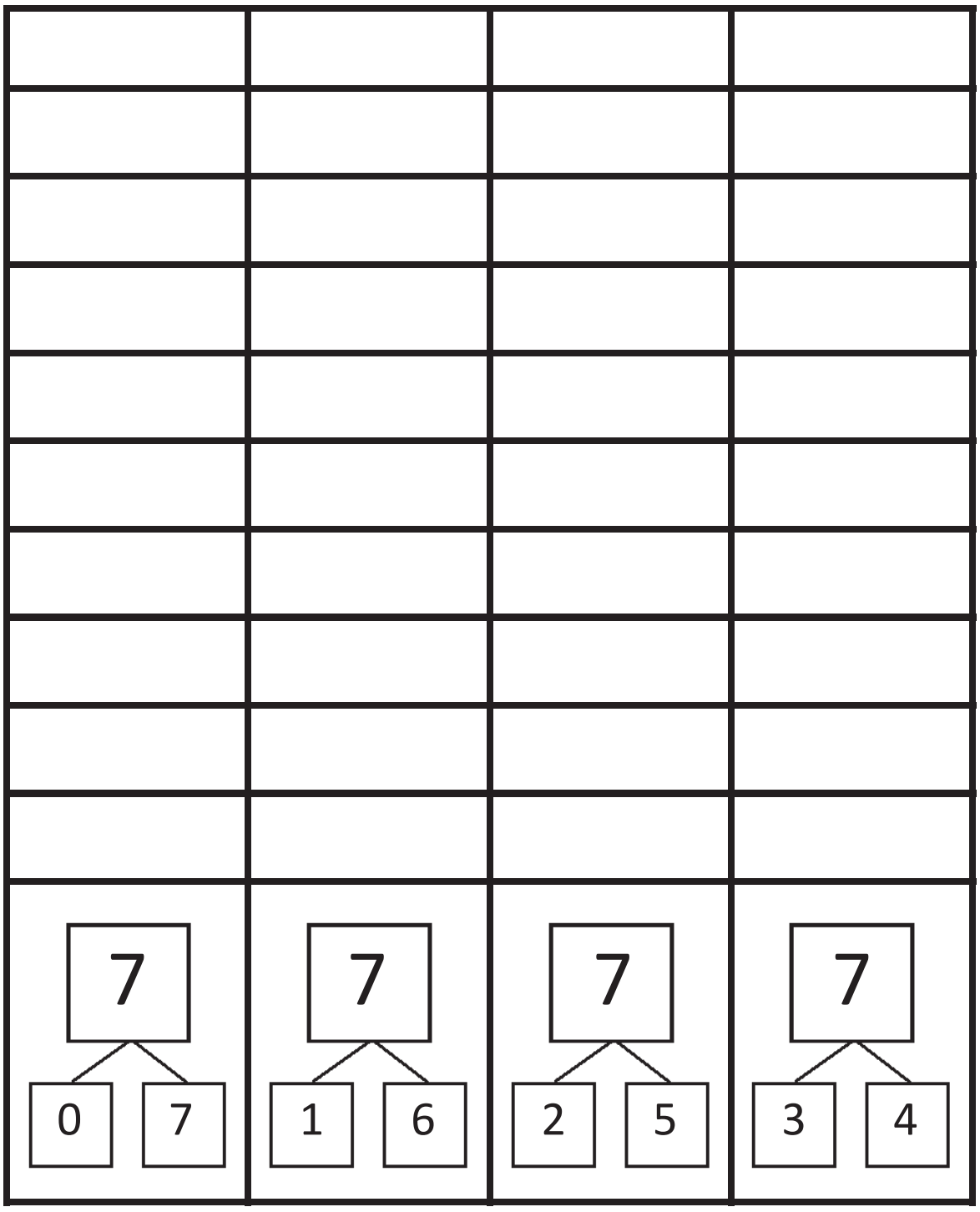
Shake Those Disks! – 7



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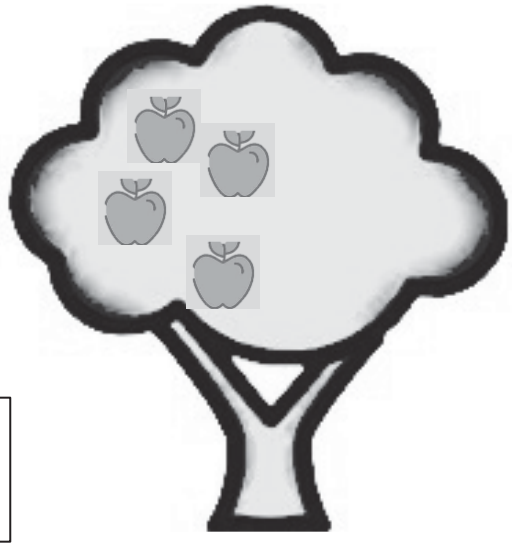
Name _____ Date _____

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.

4 + ☐ = 5

4 + ☐ = 7

8 = 5 + ☐

10 = ☐ + 8

7 + ☐ = 8

☐ + 5 = 7

8 = 6 + ☐

10 = ☐ + 7

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Name _____ Date _____

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

5 + ☐ = 7

I counted on _____ using

Or

I just knew

---

6 + ☐ = 9

I counted on _____ using

Or

I just knew

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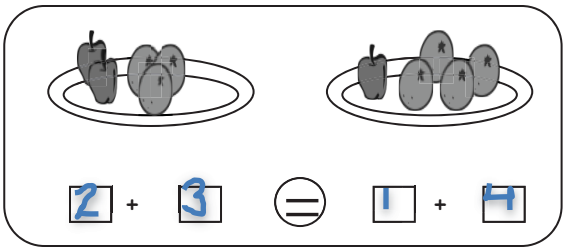
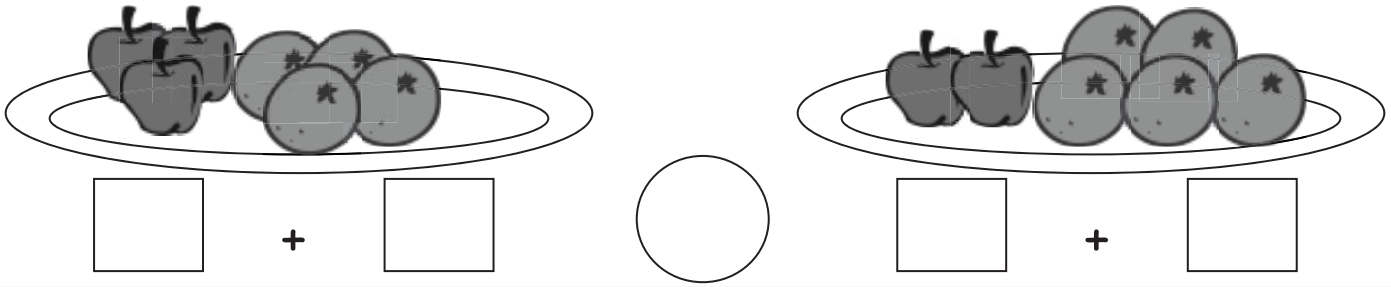
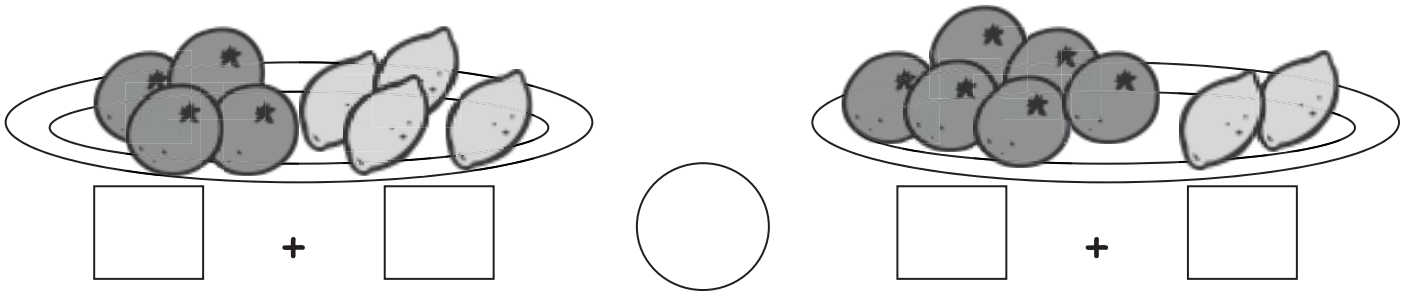
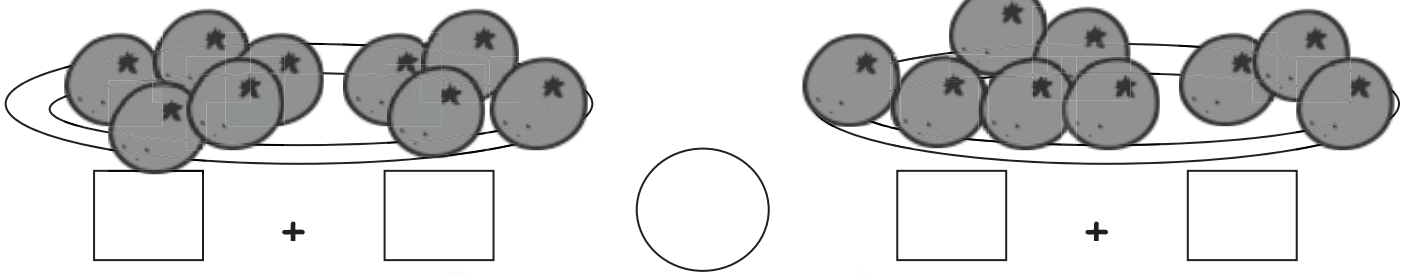
Name _____ Date _____

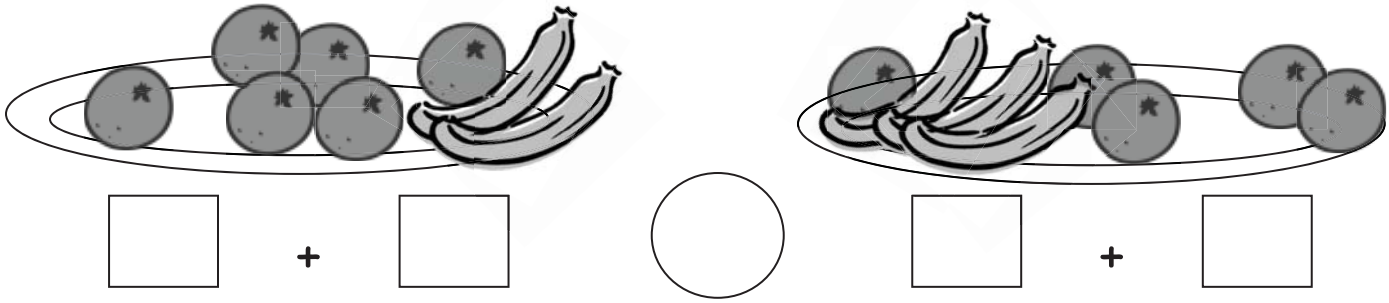
Write an expression that matches the groups on each plate. If the plates have the same amount of fruit, write the equal sign between the expressions.



1. 

2. 

3. 

4. 

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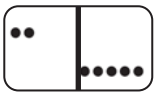
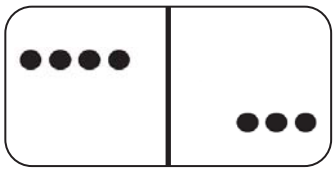
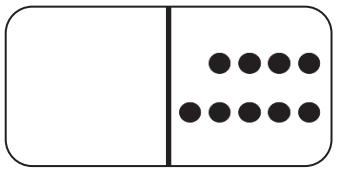
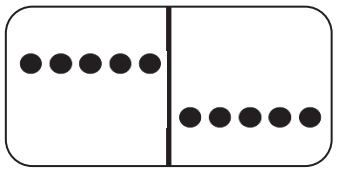


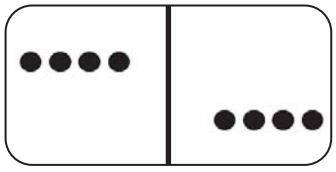
5. Write an expression to match each domino.

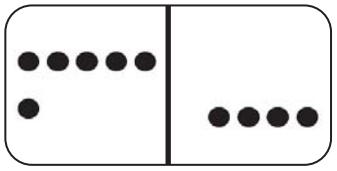
2+5

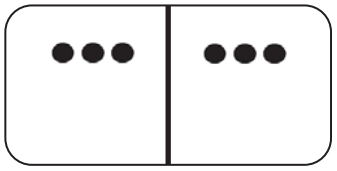






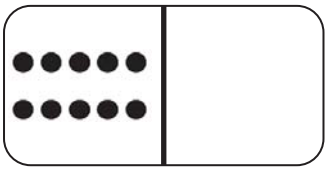


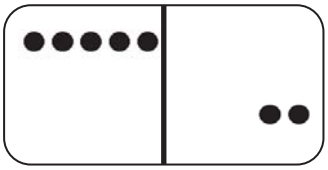


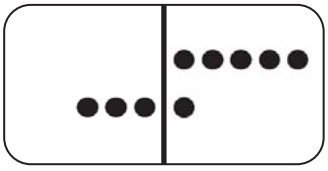


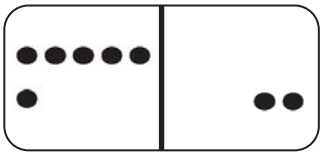
Find two sets of expressions that are equal. Connect them below with = to make true number sentences.

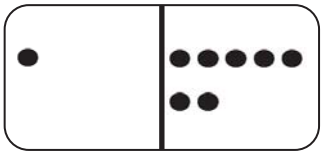
6.

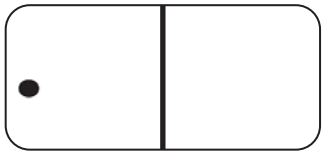












Find two sets of expressions that are equal. Connect them below with = to make true number sentences.

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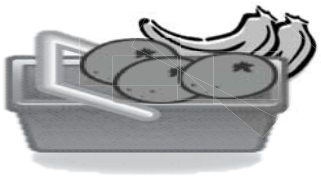
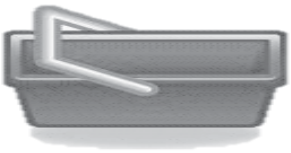
Name _____ Date _____

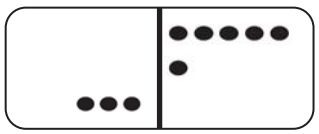
Use math drawings to make the pictures equal. Connect them below with = to make true number sentences.

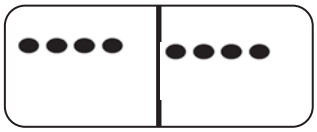


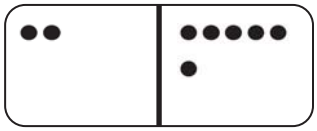


_____ _____

Shade the equal dominoes. Write a true number sentence.







_____ _____

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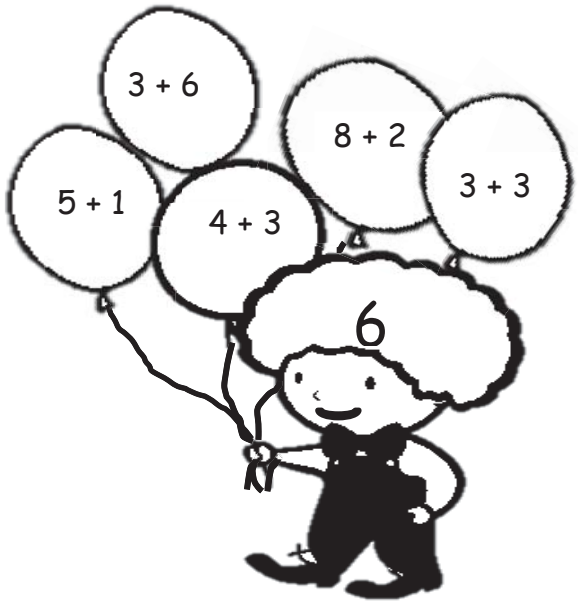
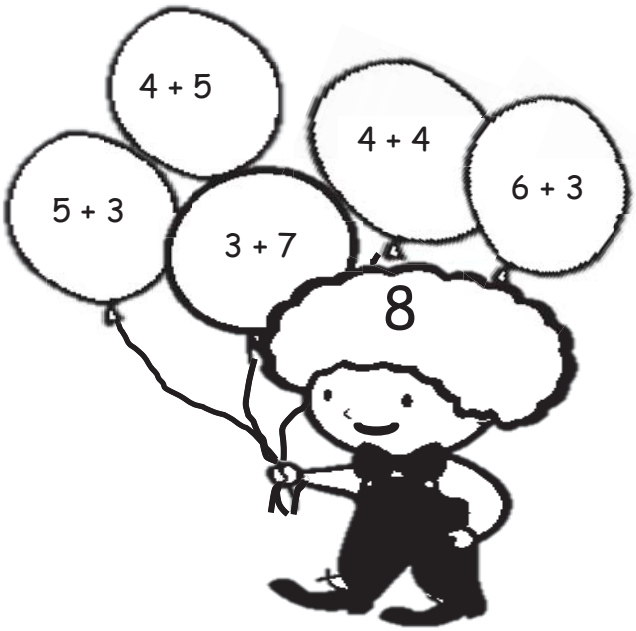
Name _____ Date _____

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.



_____



_____

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

If it's false, re-write 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.

1 + ____ = 3 + 2 ☐

____ + 4 = 2 + 5 ☐

____ + 5 = 6 + ____ ☐

7 + ____ = 8 + ____ ☐

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Name _____ Date _____

Find two ways to fix each number sentence to make it true.

7 + 3 = 6 + 2

7 + 3 = 6 + 4

_____ _____

8 + 1 = 3 + 5

_____ _____

_____ _____

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True and False Number Sentence Cards

4 + 1 = 2 + 2	2 + 5 = 8 + 2
3 + 2 = 4 + 1	9 + 1 = 4 + 6
6 + 2 = 3 + 3	3 + 4 = 6 + 3
1 + 7 = 4 + 4	5 + 4 = 3 + 7
2 + 5 = 4 + 3	5 + 5 = 6 + 3
5 + 1 = 4 + 2	8 + 2 = 3 + 7

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Number correct:

A

Name _____ Date _____

*Count On to Add

1	1 + 1		16	4 + 3	
2	2 + 1		17	3 + 3	
3	3 + 1		18	4 + 3	
4	3 + 2		19	3 + 4	
5	2 + 2		20	2 + 4	
6	3 + 2		21	4 + 2	
7	2 + 2		22	5 + 2	
8	3 + 0		23	2 + 5	
9	3 + 1		24	2 + 6	
10	3 + 2		25	6 + 3	
11	5 + 2		26	3 + 6	
12	5 + 3		27	2 + 7	
13	5 + 2		28	3 + 7	
14	5 + 3		29	2 + 8	
15	6 + 3		30	3 + 6	

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Number correct:

B

Name _____ Date _____

*Count On to Add.

1	2 + 1		16	4 + 3	
2	1 + 1		17	3 + 3	
3	2 + 1		18	2 + 3	
4	2 + 2		19	1 + 3	
5	3 + 2		20	0 + 3	
6	2 + 2		21	1 + 3	
7	3 + 2		22	2 + 5	
8	3 + 1		23	5 + 2	
9	5 + 1		24	2 + 6	
10	6 + 1		25	6 + 2	
11	6 + 2		26	3 + 6	
12	5 + 2		27	3 + 7	
13	6 + 2		28	2 + 7	
14	6 + 3		29	2 + 6	
15	5 + 3		30	3 + 6	

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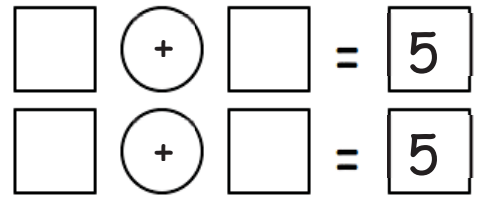
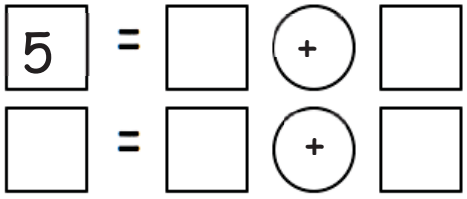
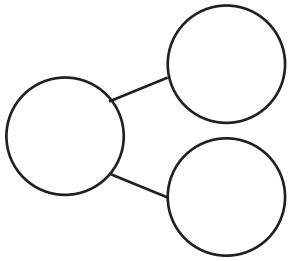
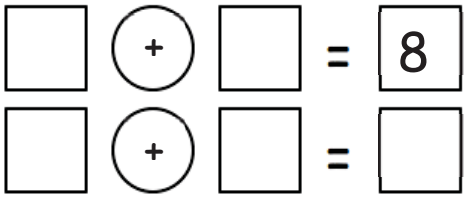
Name _____ Date _____

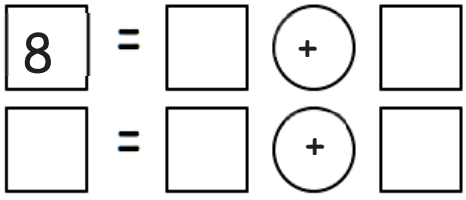
1. Write the number bond to match the picture. Then complete the number sentences.

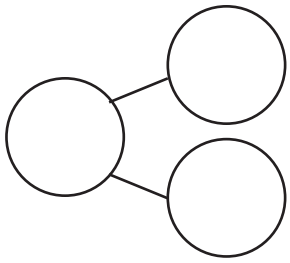


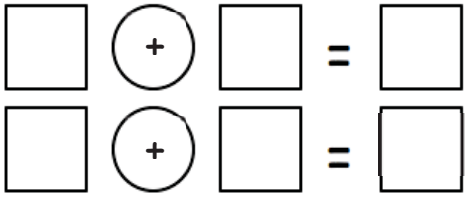


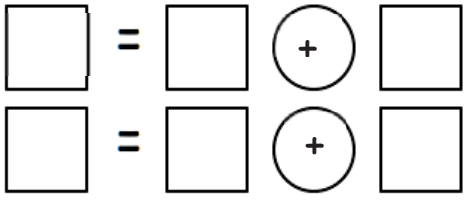


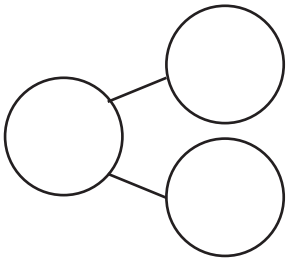












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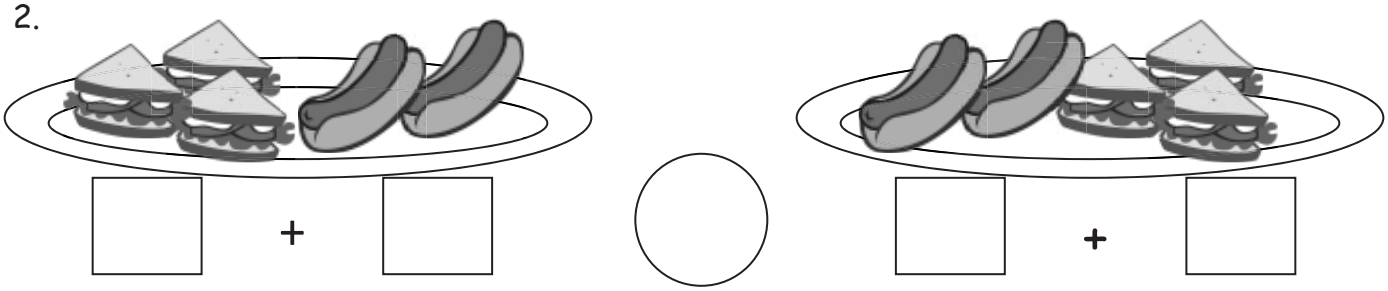
Write the expression under each plate. Add the equal sign to show they are the same amount

2.



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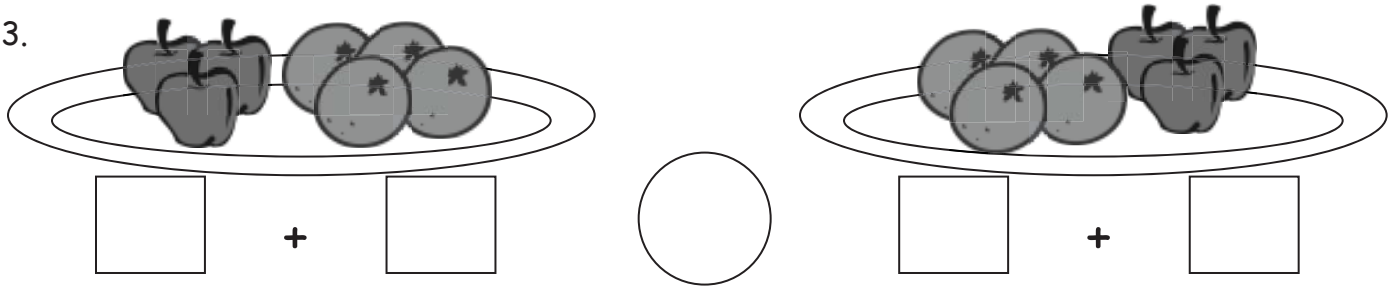

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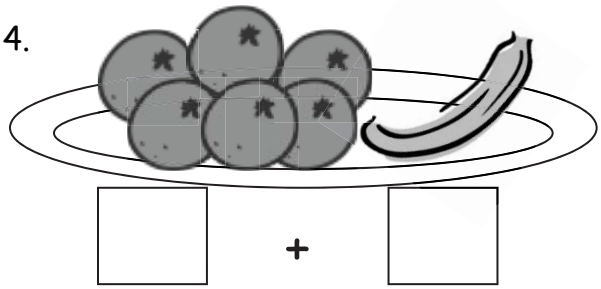
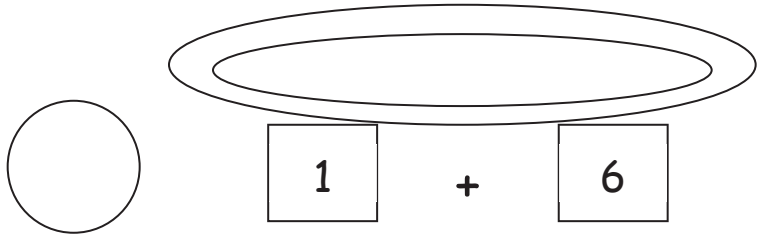
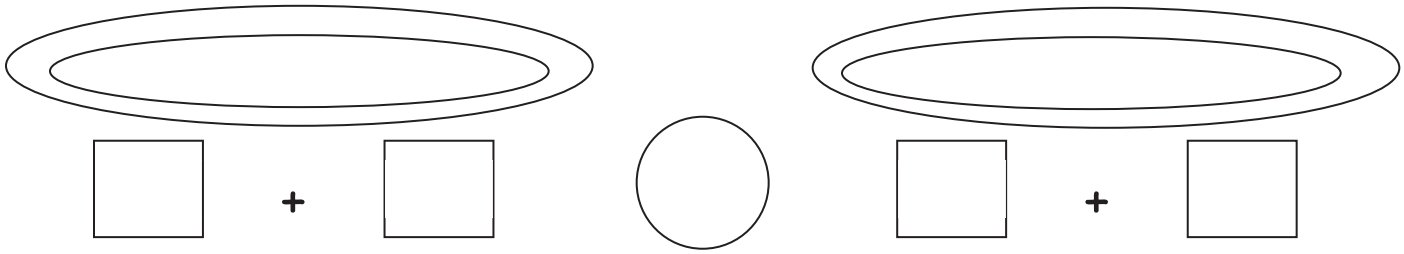


Draw to show the expression.



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



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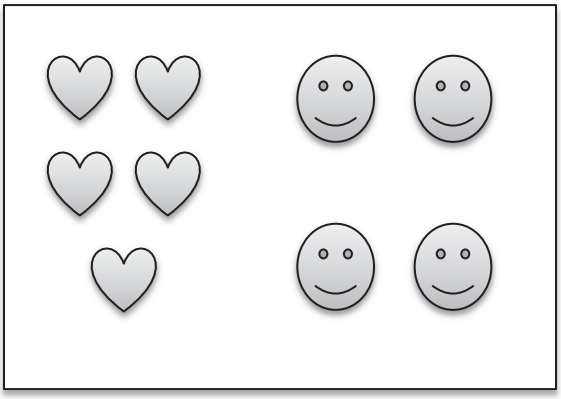
Draw a picture and write the number sentences to show the parts in a different order.



_____ + _____ = _____ _____ = _____ + _____

_____ + _____ = _____ _____ = _____ + _____

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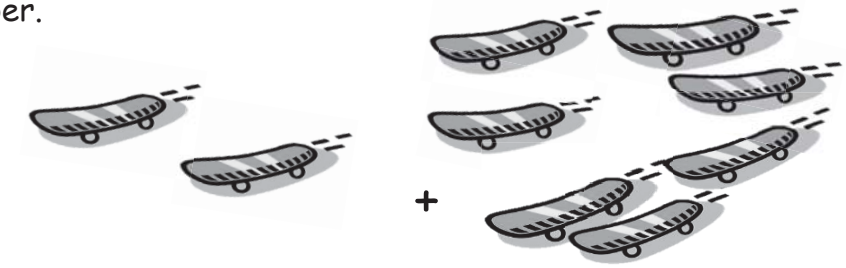
Circle the larger amount and count on. Write the number sentence starting with the larger number.

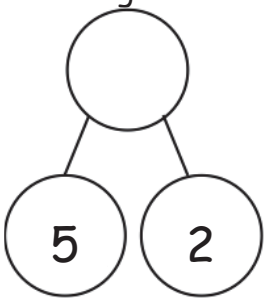
1.



□ + □ = □

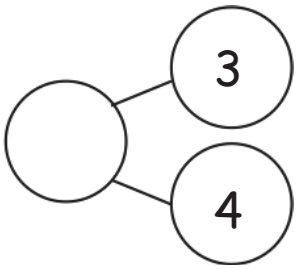
Color the larger part in the number bond. Write the number sentence starting with the larger number.

2.



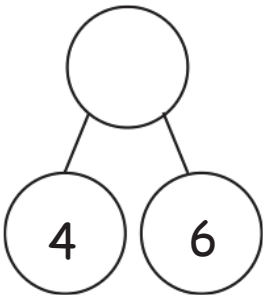
□ + □ = □

3.



□ = □ + □

4.



□ = □ + □

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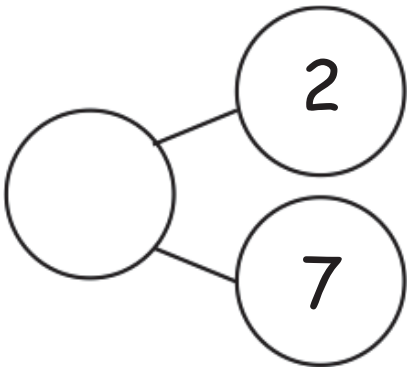
Shade in the larger part of the bond. Count on from that part to find the total. Rewrite the number sentence to start with the larger number.

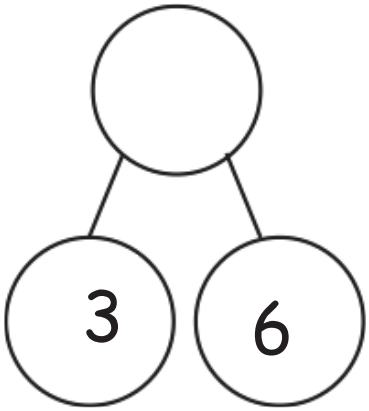
5.



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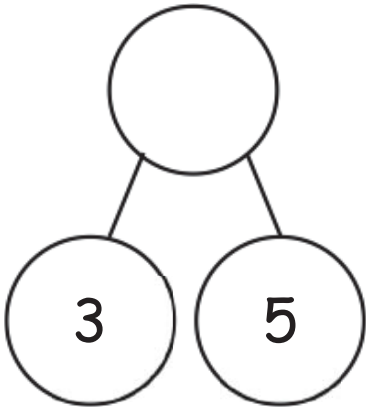
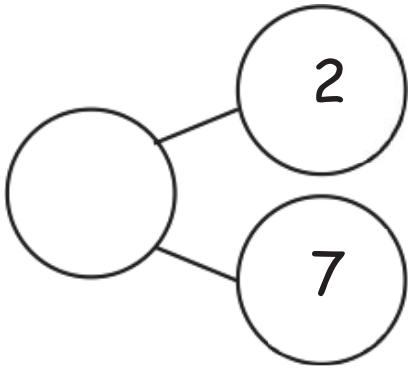
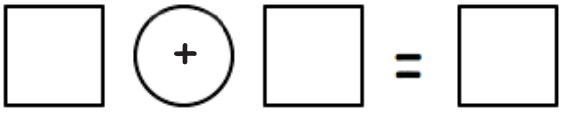
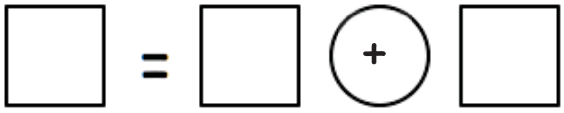
Circle the larger part, and complete the number bond. Write the number sentence starting with the larger part.









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Expression Cards

7 + 3	3 + 7
8 + 2	2 + 8
9 + 0	0 + 9
8 + 1	1 + 8
6 + 3	3 + 6

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7 + 1	1 + 7
6 + 2	2 + 6
5 + 3	3 + 5
4 + 3	3 + 4
5 + 2	2 + 5
5 + 1	1 + 5

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4 + 2	2 + 4
4 + 1	1 + 4
2 + 3	3 + 2
4 + 0	0 + 4
3 + 1	1 + 3
2 + 1	1 + 2

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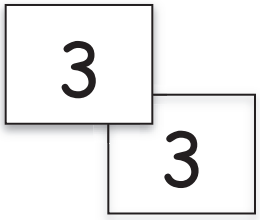
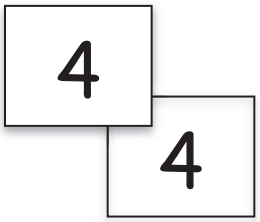
Name _____ Date _____

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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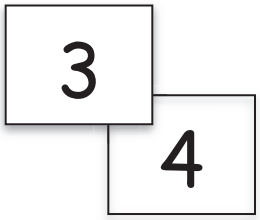
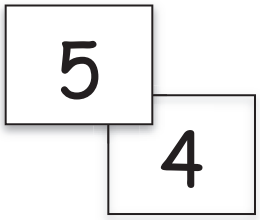
3. 

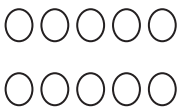
_____

4. 

_____

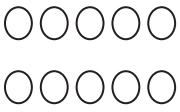
Solve. Use your doubles to help. Draw and write the double that helped.

5. $5 + 4 = \square$



_____

6. $4 + 3 = \square$



_____

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

(a) 0 + 0 = ☐	(a) 0 + 1 = ☐
(b) 2 + 2 = ☐	(b) 2 + 3 = ☐
(c) 3 + 3 = ☐	(c) 3 + 4 = ☐
(d) 4 + 4 = ☐	(d) 4 + 5 = ☐
(e) 3 + ☐ = 6	(e) 3 + ☐ = 7
(f) 5 + ☐ = 10	(f) 4 + ☐ = 9

8. Show how this strategy can help you solve: 5 + 6 = ☐

9. Write a set of 4 related addition facts for letter (**d**).

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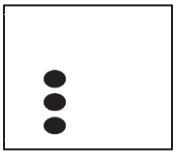
Write the double and double plus one number sentence for the 5- group card.



4

5

_____ _____ _____

_____ _____ _____

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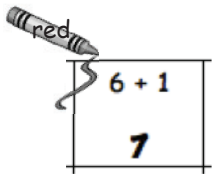
Name _____ Date _____

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

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Name _____ Date _____

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

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

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Name _____ Date _____

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

Totals of 10	Totals of 9	Totals of 8	Totals of 7

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Circle all the boxes that total 10. Make a straight line through all the boxes that total 8.

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

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Friendly Fact Go Around: Addition Strategies Review

2 + 1 = ☐	3 + 1 = ☐	5 + 1 = ☐
4 + 1 = ☐	6 + 1 = ☐	9 + 1 = ☐

2 + 2 = ☐	2 + 3 = ☐	5 + 5 = ☐
3 + 3 = ☐	4 + 4 = ☐	4 + 5 = ☐

0 + 1 = ☐	1 + 3 = ☐	1 + 1 = ☐
2 + 2 = ☐	7 + 1 = ☐	3 + 3 = ☐
1 + 5 = ☐	5 + 5 = ☐	3 + 4 = ☐
8 + 1 = ☐	4 + 4 = ☐	5 + 4 = ☐

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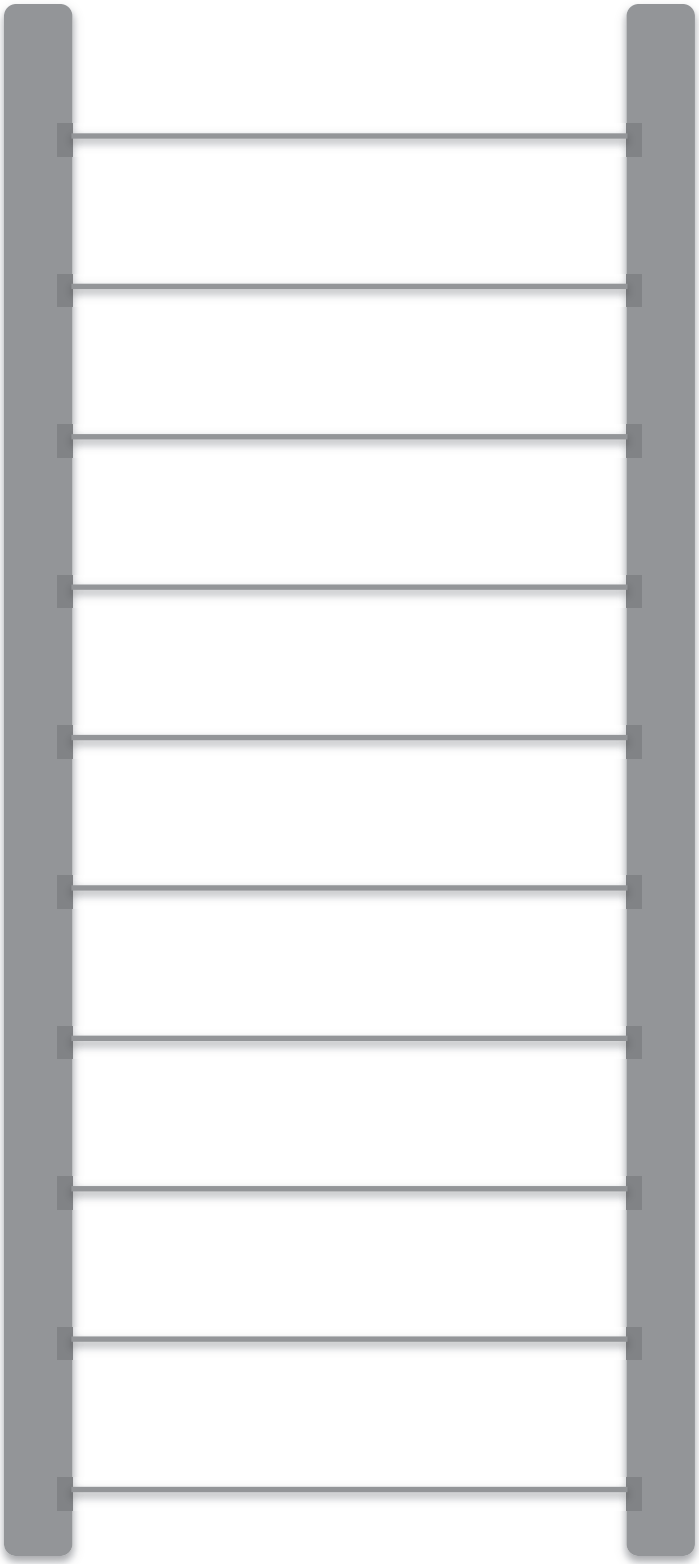

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Expression Cards

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

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7 + 2	1 + 7
6 + 2	4 + 5
6 + 1	0 + 6
4 + 3	4 + 4
5 + 2	5 + 5
5 + 1	3 + 5

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4 + 2	4 + 4
0 + 8	4 + 1
2 + 3	3 + 3
4 + 0	5 + 0
3 + 1	3 + 4
5 + 4	2 + 2

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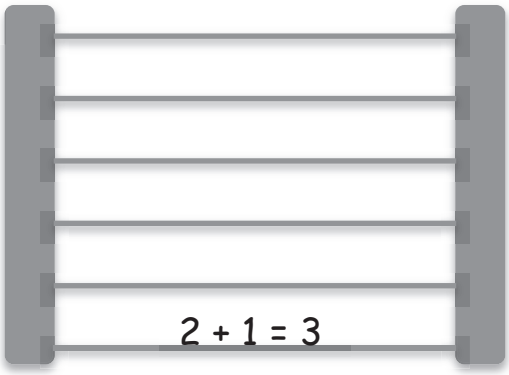
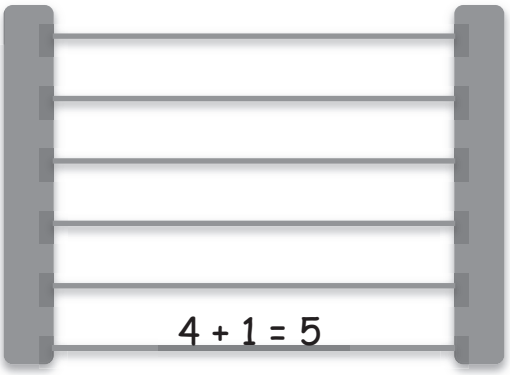
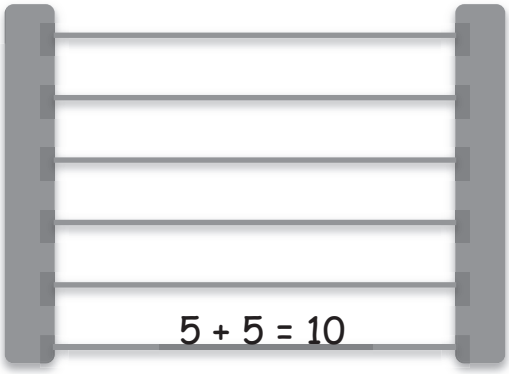
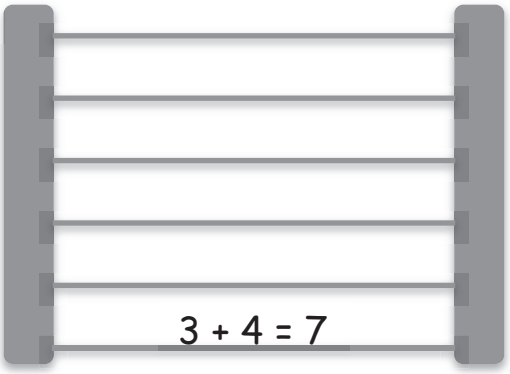
Name _____ Date _____

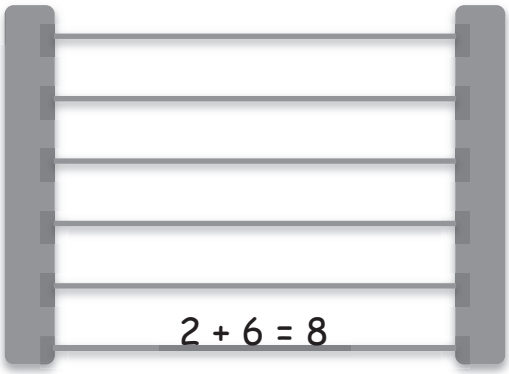
Related Fact Ladders

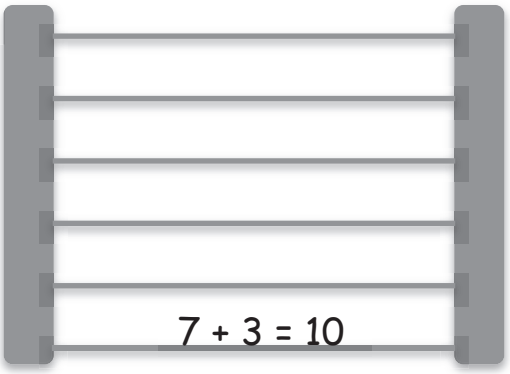
1. 

2. 

3. 

4. 

5. 

6. 

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Name _____ Date _____

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

5 + 2= _____	7 + 2 = _____	2 + 3 = _____
3 + 3 = _____	7 = 1 + _____	2 = 1 + _____
_____ = 4 + 4	8 + 2 = _____	3 + 4 = _____
_____ = 5 + 4	10 = 1 + _____	10 = 5 + ____

Color doubles - Red.

Color +1 - Blue

Color +2 - Green

Color doubles +1 - Brown

CHALLENGE:

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

_____ _____

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Name _____ Date _____

Race to the Top!

2	4	6	0	8	10

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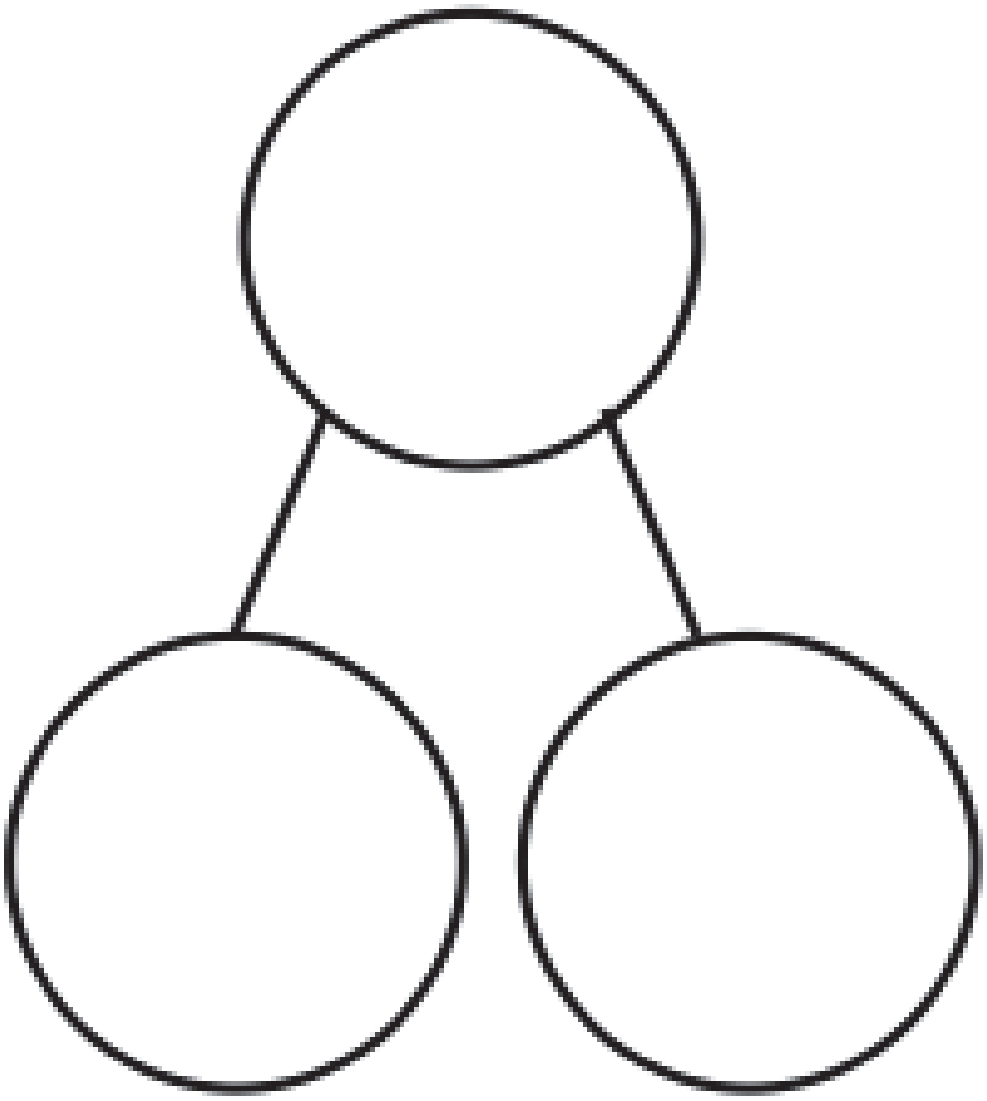

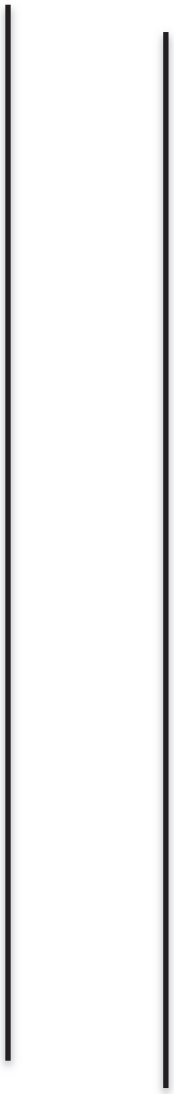

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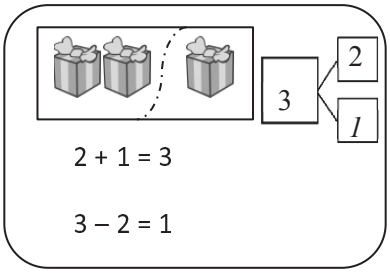
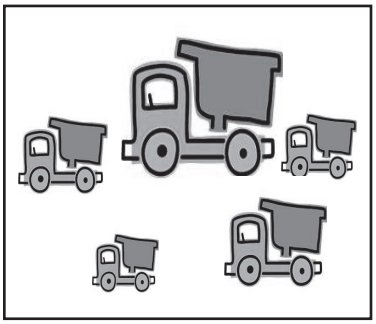
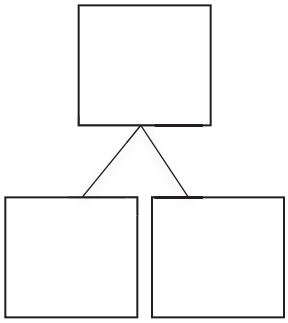
Name _____ Date _____

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



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



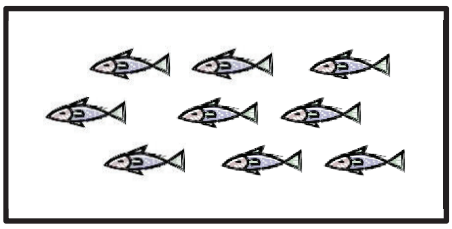


2 + ☐ = 5

5 - 2 = ☐

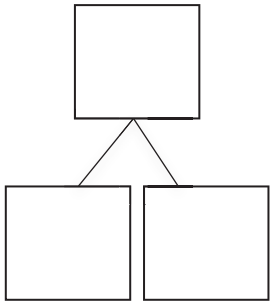
Lucy is playing with _____ trucks.

2. Jane had 9 fish at the end of the day. She had 7 fish before she ate lunch. How many fish did she catch after lunch?



☐ + ☐ = 9

9 - ☐ = ☐



Jane caught _____ fish after lunch.

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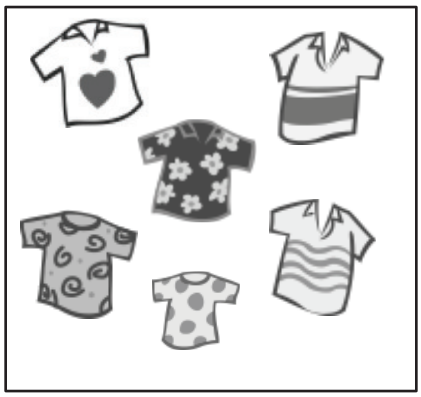
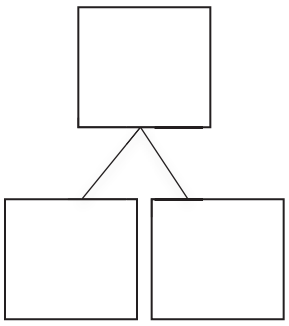
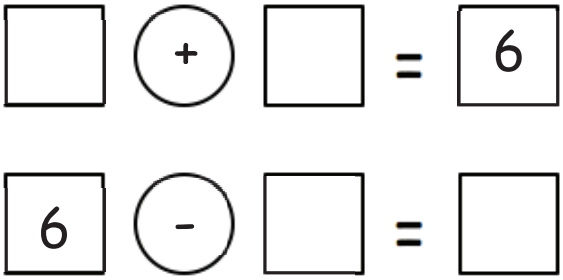
3. Dad bought 6 shirts. The next day he returned some of them. Now he has 2 shirts. How many shirts did Dad return?

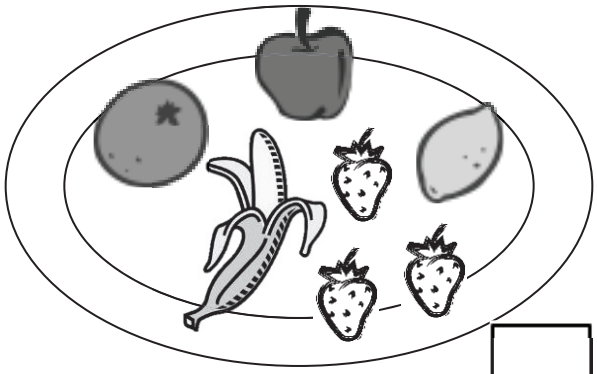


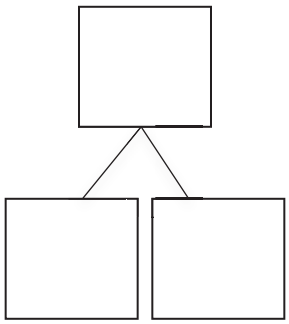


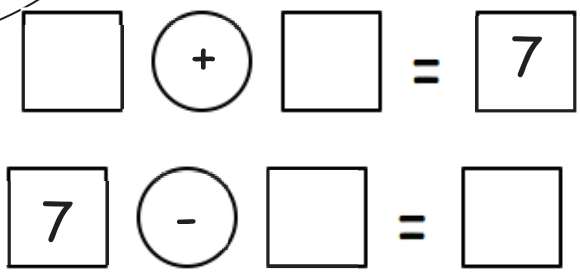


Dad returned _____ shirts.

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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Name _____ Date _____

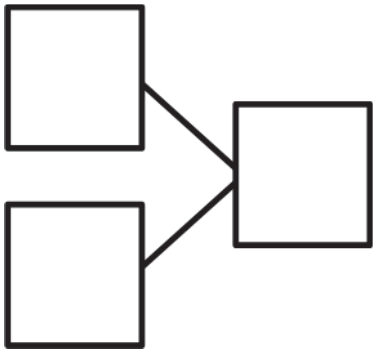
Solve the math story. Complete the number bonds and number sentences. Color the unknown number yellow.

Rich bought 6 cans of soda on Monday.

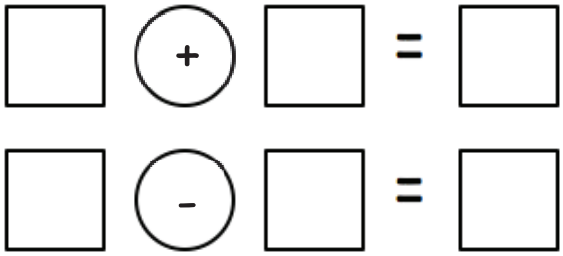
He bought some more on Tuesday.

Now he has 9 cans of soda.

How many cans did Rich buy on Tuesday?



Rich bought _____ cans.



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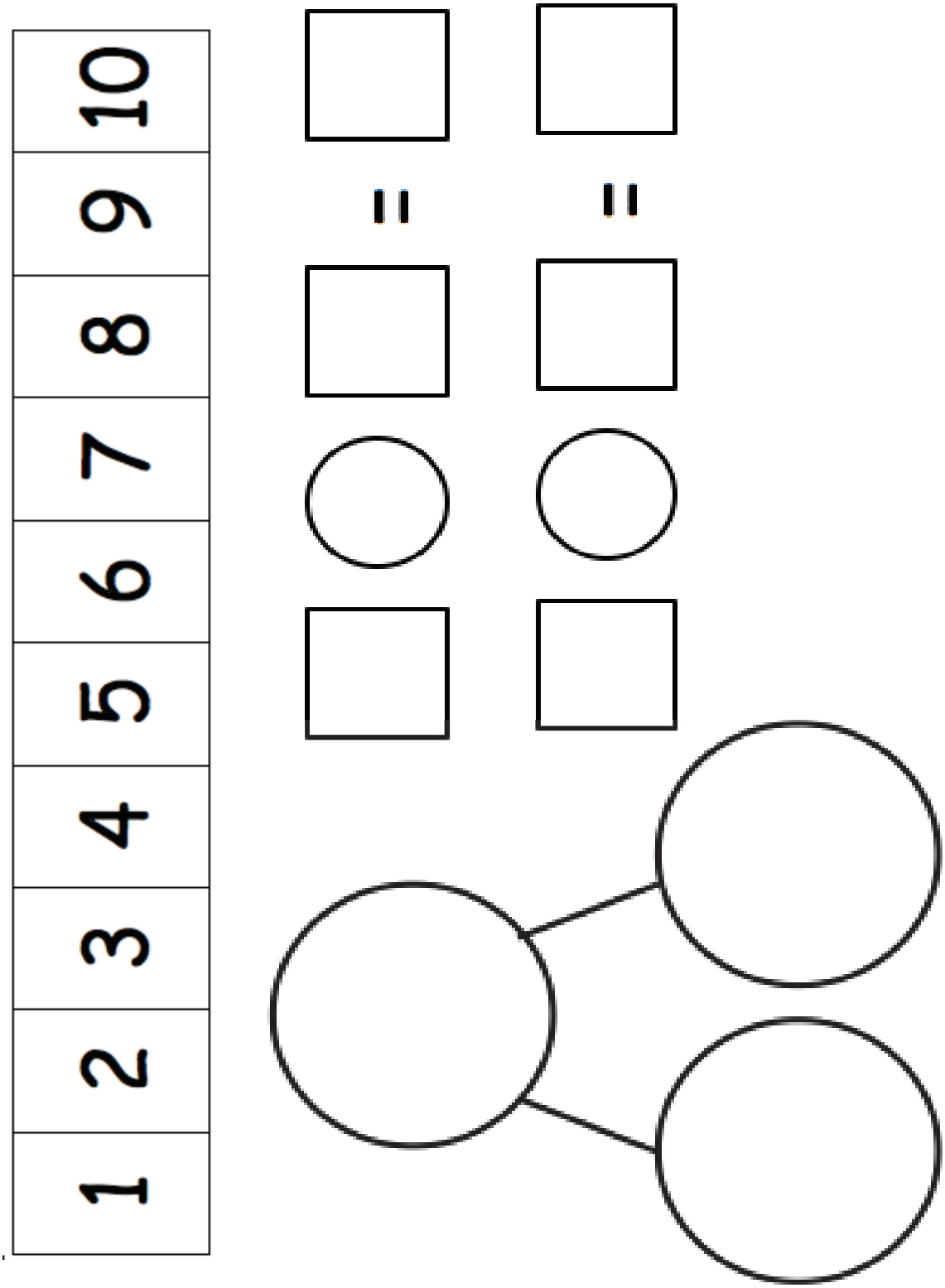

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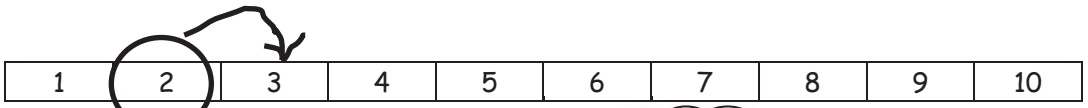
Name _____ Date _____

Use the number path to solve.



3 – 2 = 1 ○ ○ 2 + 1 = 3

1.

1	2	3	4	5	6	7	8	9	10

6 – 4 = _____ ○○○ 4 + _____ = 6

2.

1	2	3	4	5	6	7	8	9	10

8 – 5 = _____ ○○○ 5 + _____ = 8

3.

1	2	3	4	5	6	7	8	9	10

9 – 6 = _____ ○○○ 6 + _____ = 9

4.

1	2	3	4	5	6	7	8	9	10

9 – 3 = _____ ○○○ 3 + _____ = 9

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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 _____

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

1	2	3	4	5	6	7	8	9	10

a) 7 – 5 = _____ _____

b) 9 –2 = _____ _____

c) _____ = 10 – 3 _____

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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 = _____

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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Name _____ Date _____

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

7- 6 = _____

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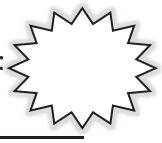
A

Number correct: 

Name _____ Date _____

*Write the number that is 1 less

1	5		16	10	
2	4		17	8	
3	3		18	11	
4	5		19	10	
5	3		20	9	
6	1		21	1	
7	4		22	11	
8	5		23	21	
9	7		24	4	
10	6		25	14	
11	7		26	24	
12	9		27	10	
13	8		28	20	
14	9		29	21	
15	10		30	31	

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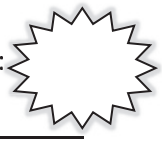
B

Number correct: 

Name _____ Date _____

*Write the number that is 1 less.

1	3		16	10	
2	2		17	9	
3	1		18	11	
4	6		19	9	
5	4		20	13	
6	2		21	11	
7	1		22	1	
8	3		23	11	
9	5		24	21	
10	7		25	5	
11	10		26	15	
12	9		27	25	
13	8		28	20	
14	6		29	10	
15	7		30	21	

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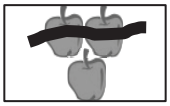
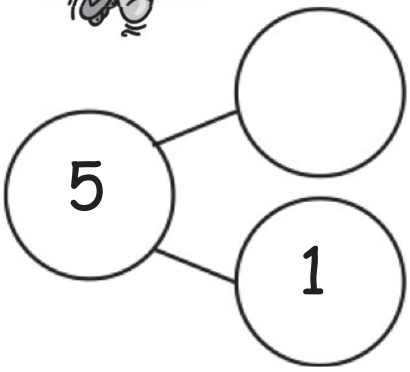
Name _____ Date _____

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



Then complete the number bond, sentence and statement.

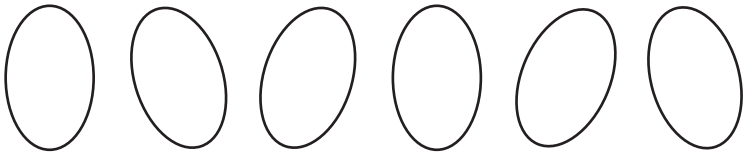
(a) There are 5 toy airplanes flying at the park.
1 went down and broke.
How many airplanes are still flying?

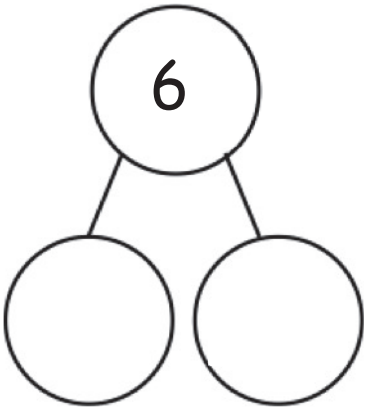


5 – 1 = _____

There are _____ airplanes still flying.

(b) I had 6 eggs from the store.
3 of them were cracked.
How many eggs did I have that were not cracked?





6 – ____ = _____

_____ eggs were not cracked.

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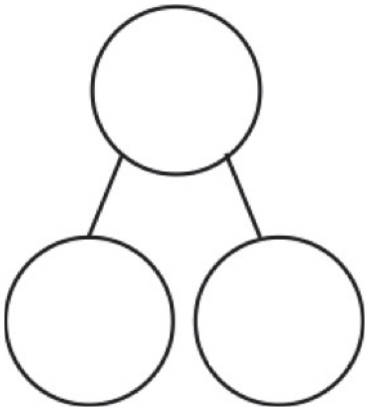
Draw a number bond and math drawing to help you solve the problems.

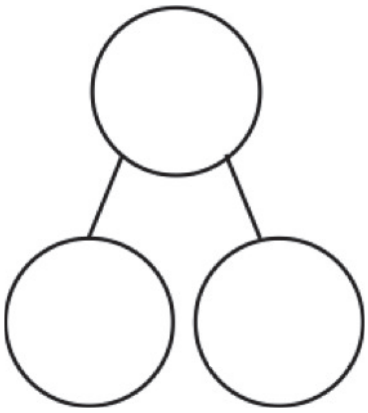
(c) Kate saw 8 cats playing in the grass.
3 went away to chase a mouse.
How many cats remained in the grass?



_____ - _____ = _____

_____ cats remained in the grass.

(d) There are 7 mango slices.
2 of them were eaten.
How many mango slices are left to eat?



_____ - _____ = _____

There are _____ mango slices left.

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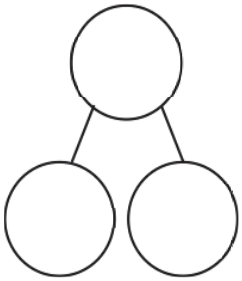
Name _____ Date _____

Read the problem. Make a math drawing to solve.

There were 9 kites flying in the park. 3 kites got caught in trees. How many kites were still flying?



____ - ____ = ____

____ kites were still flying.

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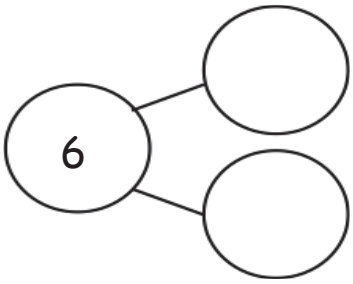
Name _____ Date _____

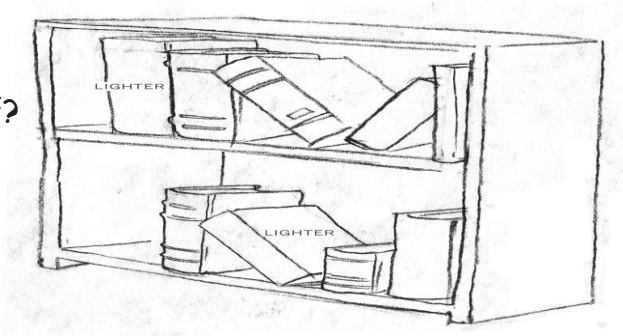
Complete the story and solve. Label the number bond. Color the missing part in the number sentence and number bond.

1. There are ___ apples.
   _____ have worms. Yuck!
   How many good apples are there?
   There are _____ good apples.

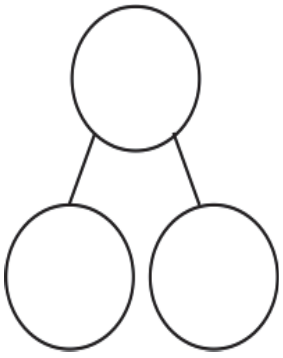


6 - ☐ = ☐

2. _____ books are in the case.
   _____ books are on the top shelf.
   How many books are on the bottom shelf?
   _____ books are on the bottom shelf.



9 - ☐ = ☐



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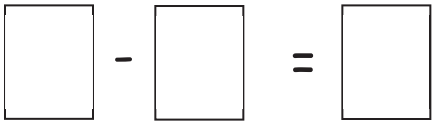
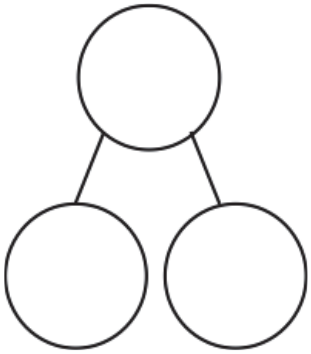
Example of math drawing and number sentence.

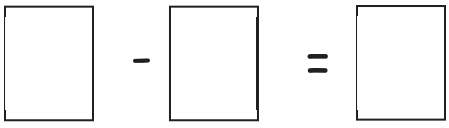
Use number bonds and math drawings in a line to solve.

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





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



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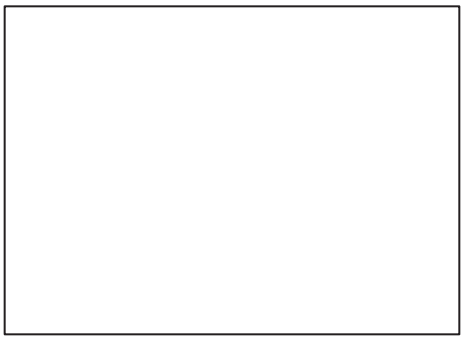
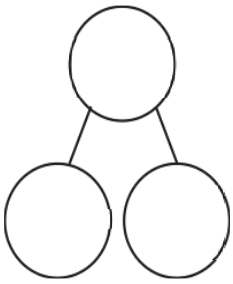
Name _____ Date _____

Read the story. Make a math drawing to solve.

There are 9 baseball players on the team. 7 are on the bench. How many are not on the bench?





____ - ____ = ____

_____ players are not on the bench.

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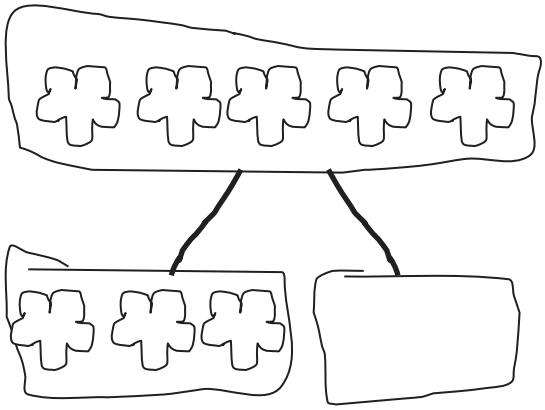
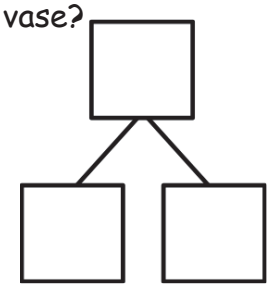
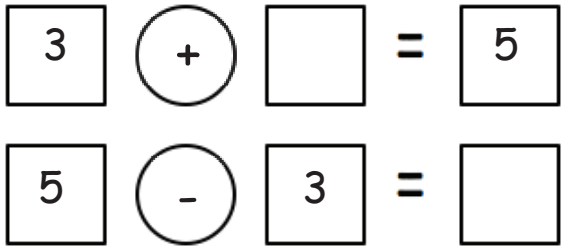
Name _____ Date _____

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

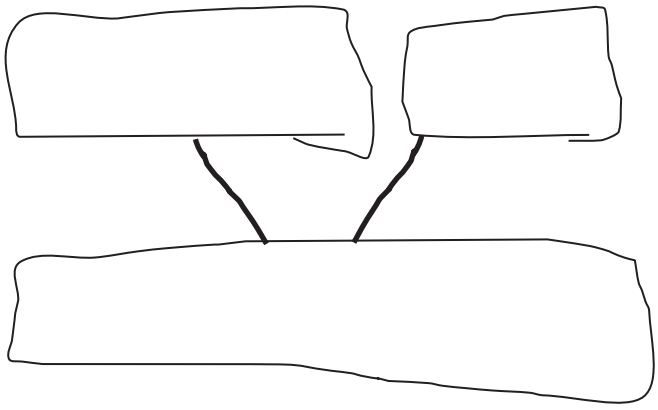
1. Jill was given a total of 5 flowers for her birthday. She put 3 in one vase and the rest in another vase. How many did she put in the other vase?

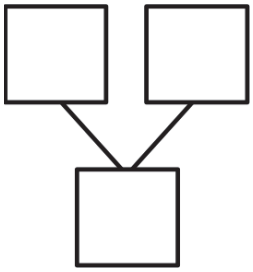


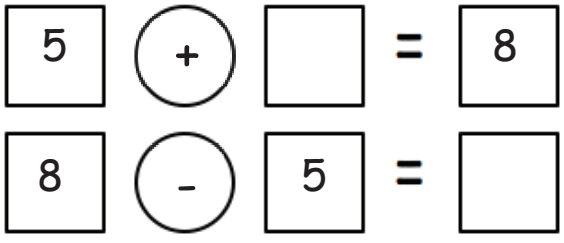




2. Kate and Nana were baking cookies. They made 5 heart-shaped cookies and then made some square cookies. They made 8 cookies altogether. How many square cookies did they make? Draw and solve.







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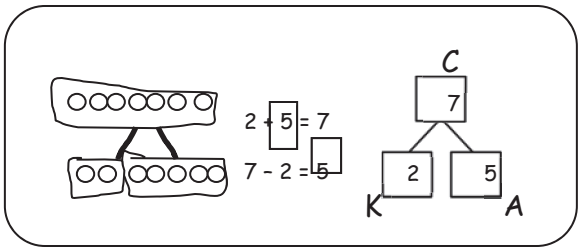
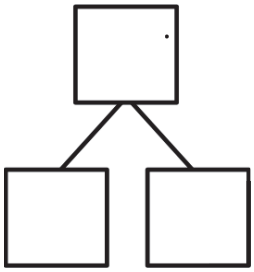


Solve. Complete and label the number bond and the picture number bond. Circle the unknown number.

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

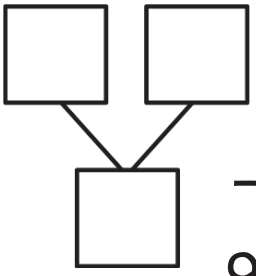


_____ + _____ = 6

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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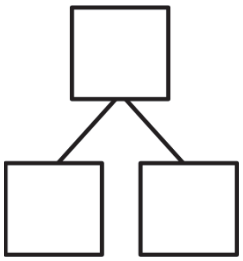
Name _____ Date _____

Draw and label a picture number bond to solve.

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



_____ + _____ = _____

Toby finds _____ shells on Tuesday.

_____ - _____ = _____

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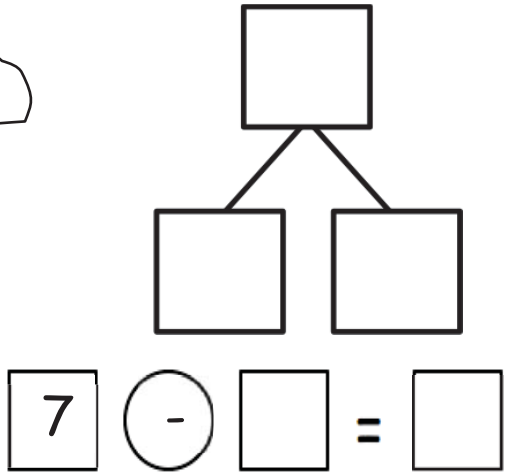
Name _____ Date _____

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

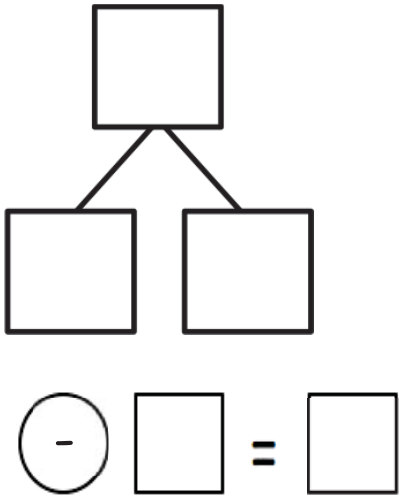
Complete the number sentence and number bond.

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



.

Tim lost _____ pencils.

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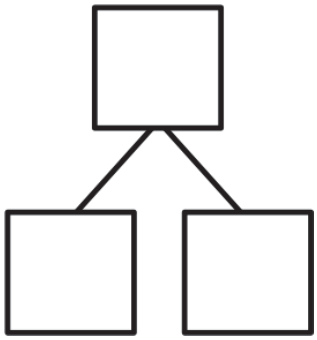
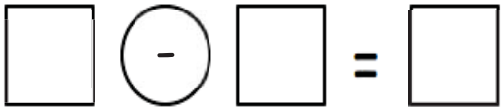
3. A store had 6 shirts on the rack. Now there are 2 shirts on the rack. How many shirts were sold?

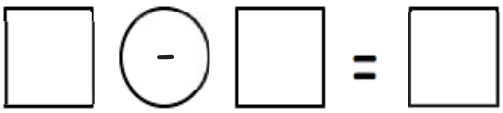


_____ shirts were sold.



4. There were 9 children at the park. Some children went inside. 5 children stayed. How many children went inside?

_____ children went inside.



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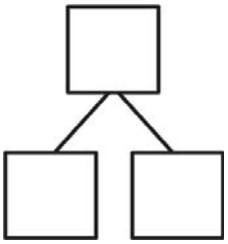
Name _____ Date _____

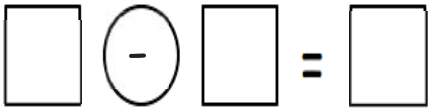
Make a math drawing and circle the part you know. Cross out the unknown part.

Complete the number sentence and number bond.

1. Deb blows up 9 balloons. Some balloons popped. 3 balloons are left. How many balloons popped?



_____ balloons popped.



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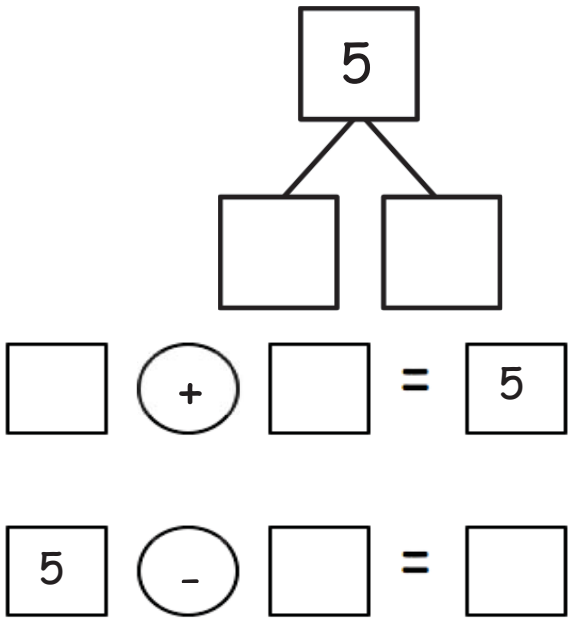
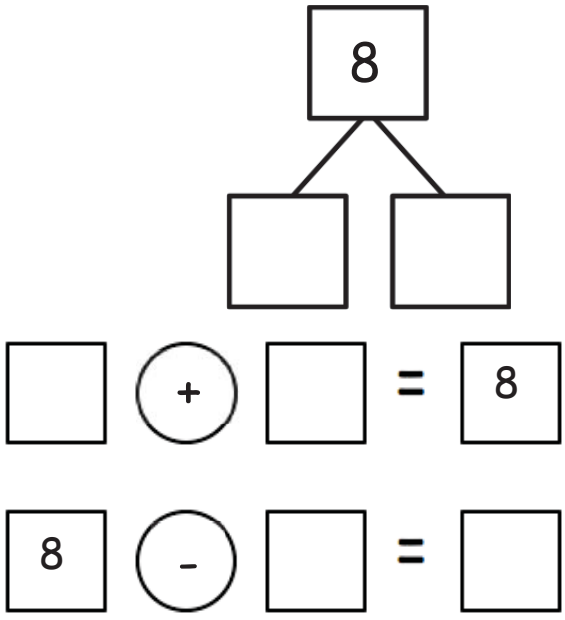
Name _____ Date _____

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

1. There are 5 apples. 4 are Sam's. The rest are Jims. How many are Jim's?



2. There are 8 mushrooms. 5 are black. The rest are white. How many are white?



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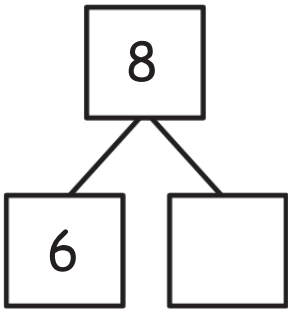
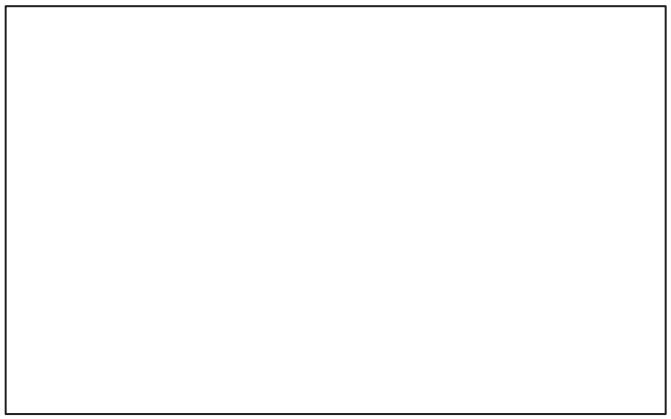
Use the number bond to complete the number sentences. Use simple math drawings to tell math stories.

3.

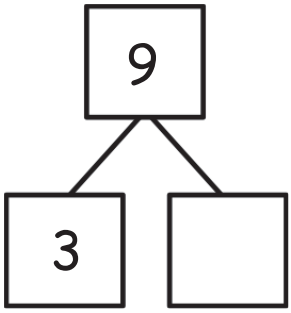


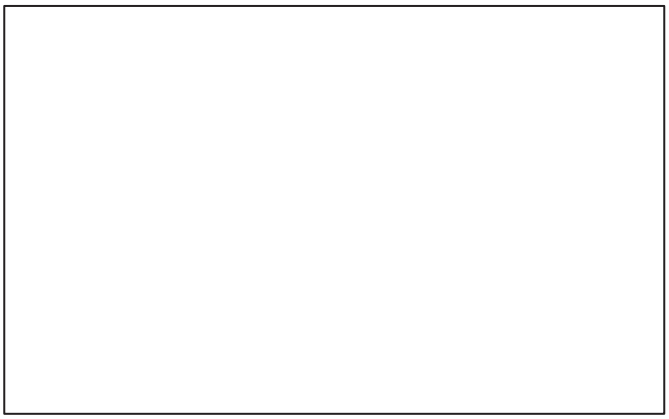


___ + ___ = 8

8 - ___ = ___

4.





___ + ___ = ___

___ - ___ = ___

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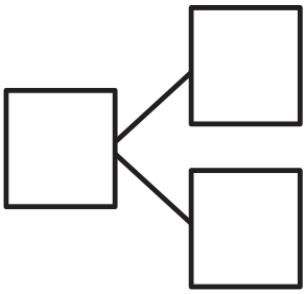
Name _____ Date _____

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

Glenn has 9 pens. 5 are black. The rest are blue. How many pens are blue?

_____ pens are blue.



_____ - _____ = _____ _____ + _____ = _____

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A

Add.

Correct _____

1	3 + 1 =		23	1 + 2 =	
2	4 + 1 =		24	3 + 6 =	
3	5 + 1 =		25	1 + 8 =	
4	9 + 1 =		26	2 + 3 =	
5	6 + 1 =		27	1 + 4 =	
6	8 + 1 =		28	2 + 4 =	
7	2 + 1 =		29	1 + 3 =	
8	7 + 1 =		30	1 + 5 =	
9	1 + 7 =		31	3 + 3 =	
10	1 + 9 =		32	4 + 3 =	
11	1 + 6 =		33	5 + 3 =	
12	2 + 2 =		34	6 + 3 =	
13	3 + 2 =		35	7 + 3 =	
14	4 + 2 =		36	3 + 7 =	
15	8 + 2 =		37	3 + 4 =	
16	5 + 2 =		38	3 + 5 =	
17	6 + 2 =		39	4 + 4 =	
18	7 + 2 =		40	5 + 4 =	
19	2 + 7 =		41	6 + 4 =	
20	2 + 8 =		42	4 + 6 =	
21	2 + 5 =		43	4 + 5 =	
22	2 + 6 =		44	5 + 5 =	

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B Improvement _____ # Correct _____

Add.

1	2 + 1 =		23	1 + 8 =	
2	3 + 1 =		24	3 + 7 =	
3	4 + 1 =		25	1 + 5 =	
4	8 + 1 =		26	2 + 4 =	
5	5 + 1 =		27	1 + 4 =	
6	7 + 1 =		28	2 + 3 =	
7	9 + 1 =		29	1 + 3 =	
8	6 + 1 =		30	1 + 2 =	
9	1 + 6 =		31	3 + 3 =	
10	1 + 9 =		32	4 + 3 =	
11	1 + 7 =		33	5 + 3 =	
12	2 + 2 =		34	7 + 3 =	
13	3 + 2 =		35	6 + 3 =	
14	4 + 2 =		36	3 + 6 =	
15	7 + 2 =		37	3 + 5 =	
16	5 + 2 =		38	3 + 4 =	
17	8 + 2 =		39	4 + 4 =	
18	6 + 2 =		40	5 + 4 =	
19	2 + 6 =		41	6 + 4 =	
20	2 + 8 =		42	4 + 6 =	
21	2 + 5 =		43	4 + 5 =	
22	2 + 7 =		44	5 + 5 =	

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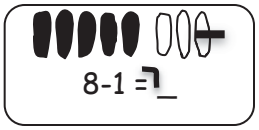

Cross off, when needed, to subtract.

1.

6 – 1 = ___

2.

6 – 0 = ___

If you want, make a 5-groups 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 = ____

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 _____

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

1.

9 – 1 = ___

2.

8 = ___ - 0

3.

8 = ___ - 1

4.

10 = 10 - ___

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A

Number correct:

Name _____ Date _____

*Write the missing number from each subtraction sentence. Pay attention to the = sign.

1	2 – 1 = ☐		16	☐ = 10 – 0	
2	1 – 1 = ☐		17	☐ = 10 – 1	
3	1 – 0 = ☐		18	☐ = 9 – 1	
4	3 – 1 = ☐		19	☐ = 7 – 1	
5	3 – 0 = ☐		20	☐ = 6 – 1	
6	4 – 0 = ☐		21	☐ = 6 – 0	
7	4 – 1 = ☐		22	☐ = 8 – 0	
8	5 – 1 = ☐		23	8 – ☐ = 8	
9	6 – 1 = ☐		24	☐ – 0 = 8	
10	6 – 0 = ☐		25	7 – ☐ = 6	
11	8 – 0 = ☐		26	7 = 7 – ☐	
12	10 – 0 = ☐		27	9 = 9 – ☐	
13	9 – 0 = ☐		28	☐ – 1 = 7	
14	9 – 1 = ☐		29	☐ – 0 = 8	
15	10 – 1 = ☐		30	9 = ☐ – 1	

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B

Number correct:

Name _____ Date _____

*Write the missing number from each subtraction sentence. Pay attention to the = sign.

1	3 – 1 = ☐		16	☐ = 10 – 1	
2	2 – 1 = ☐		17	☐ = 9 – 1	
3	1 – 1 = ☐		18	☐ = 7 – 1	
4	1 – 0 = ☐		19	☐ = 7 – 0	
5	2 – 0 = ☐		20	☐ = 8 – 0	
6	4 – 0 = ☐		21	☐ = 10 – 0	
7	5 – 1 = ☐		22	☐ = 9 – 1	
8	7 – 1 = ☐		23	9 – ☐ = 8	
9	8 – 1 = ☐		24	☐ – 1 = 8	
10	9 – 0 = ☐		25	7 – ☐ = 6	
11	10 – 0 = ☐		26	6 = 7 – ☐	
12	7 – 0 = ☐		27	9 = 9 – ☐	
13	8 – 0 = ☐		28	☐ – 0 = 9	
14	10 – 1 = ☐		29	☐ – 0 = 10	
15	9 – 1 = ☐		30	8 = ☐ – 1	

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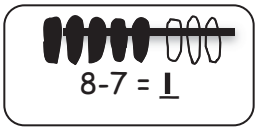

Cross off to subtract.

1.

6 – 6 = ____

2.

6 – 5 = ____

Subtract. Make a math drawing, like the ones 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 the ones above, for each.

14.

7 – 7 = ___

15.

8 – 7 = ___

16.

9 – 9 = ___

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 _____

Make 5-group drawings to show the subtraction.

1.

9 – ___ = 1

2.

0 = 10 - ___

3.

1 = ___ - 7

4.

0 = ___ - 9

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A

Name _____ Date _____

Write the missing number from each subtraction sentence. Pay attention to the = sign.

1	2 - 2 = ☐		16	0 = 10 - ☐	
2	1 - 1 = ☐		17	0 = 9 - ☐	
3	1 - 0 = ☐		18	0 = 8 - ☐	
4	3 - 3 = ☐		19	0 = 6 - ☐	
5	3 - 2 = ☐		20	1 = 6 - ☐	
6	4 - 4 = ☐		21	1 = 7 - ☐	
7	4 - 3 = ☐		22	1 = 10 - ☐	
8	6 - 6 = ☐		23	10 - ☐ = 1	
9	7 - 7 = ☐		24	☐ - 9 = 1	
10	8 - 8 = ☐		25	7 - ☐ = 0	
11	8 - 7 = ☐		26	0 = 7 - ☐	
12	9 - 9 = ☐		27	0 = 9 - ☐	
13	9 - 8 = ☐		28	☐ - 8 = 0	
14	10 - 10 = ☐		29	☐ - 7 = 1	
15	10 - 9 = ☐		30	1 = ☐ - 5	

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B

Name _____ Date _____

Write the missing number from each subtraction sentence. Pay attention to the = sign.

1	3 – 3 = ☐		16	0 = 6 – ☐	
2	2 – 2 = ☐		17	0 = 7 – ☐	
3	1 – 1 = ☐		18	0 = 8 – ☐	
4	1 – 0 = ☐		19	0 = 10 – ☐	
5	2 – 1 = ☐		20	1 = 10 – ☐	
6	4 – 3 = ☐		21	1 = 9 – ☐	
7	5 – 4 = ☐		22	1 = 7 – ☐	
8	7 – 7 = ☐		23	7 – ☐ = 1	
9	8 – 8 = ☐		24	☐ – 6 = 1	
10	9 – 9 = ☐		25	6 – ☐ = 0	
11	10 – 10 = ☐		26	0 = 6 – ☐	
12	10 – 9 = ☐		27	0 = 8 – ☐	
13	8 – 7 = ☐		28	☐ – 8 = 0	
14	6 – 5 = ☐		29	☐ – 6 = 1	
15	6 – 6 = ☐		30	1 = ☐ – 6	

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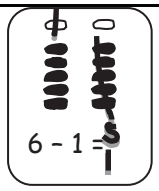
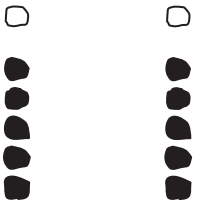
Name _____ Date _____

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



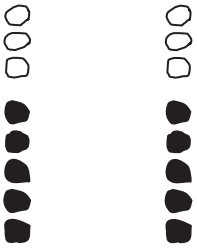
1.



6 – 5 = ____

6 – 1 = ____

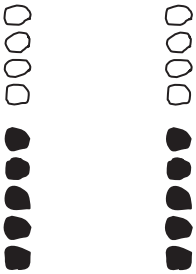
2.



8 – 3 = ____

8 – 5 = ____

3.

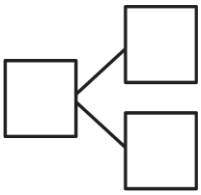


9 – 4 = ____

9 – 5 = ____

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

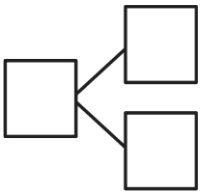
4.



7 – 5 = ____

7 – 2 = ____

5.



10 – 5 = ____

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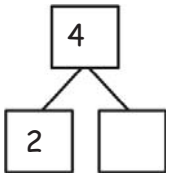
Solve. Visualize your 5-groups to help you.

(a) 7 – 5 = ____ (b) 7 – ____ = 5 (c) 8 – 3 = ____

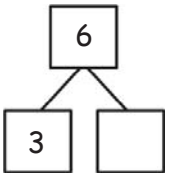
(d) 9 – ____ = 4 (e) 9 – ____ = 5 (f) 8 – ____ = 3

Complete the number bond. Complete the number sentence.

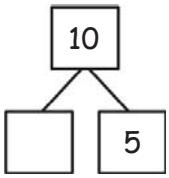
6. 4 – 2 = ____



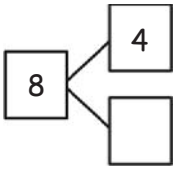
7. 6 – 3 = ____



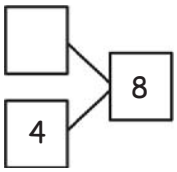
8. 10 – 5 = ____



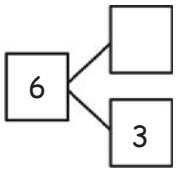
9. 8 – 4 = ____



10. 8 – 4 = ____



11. 6 – 3 = ____



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 number sentences. Make a number bond. Draw a picture or write a statement about the strategy that helped you.

Doubles helped me solve.

6 – 3 = 3

1. _____ – 5 = 5 2. 8 – _____ = 4 3. 9 – ___ = 4

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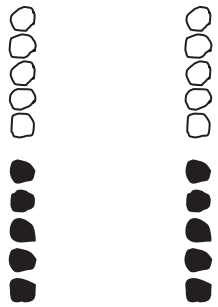
Name _____ Date _____

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

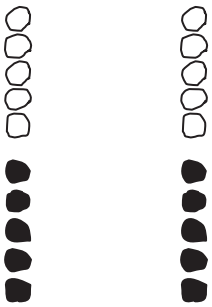
1.



10 – 9 = ____

10 – 1 = ____

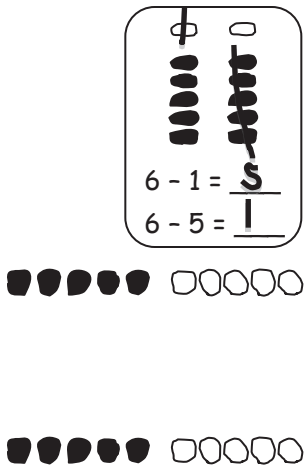
2.



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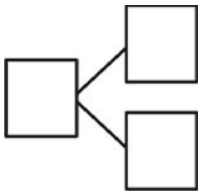
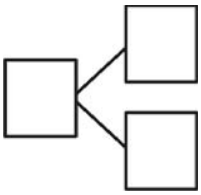
Subtract. Then write the related subtraction sentence.
Make a math drawing if needed and complete a number bond for each.

7. 

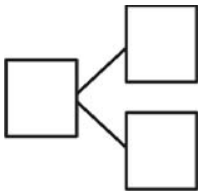
10 – 8 = ___

_____

8. 

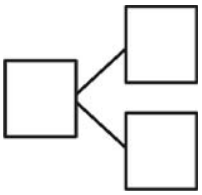
10 – 9 = ___

_____

9. 

10 – 3 = ___

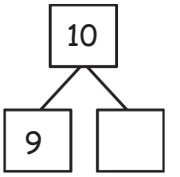
_____

10. 

10 – 6 = ___

_____

Fill in the missing part. Write the 2 matching subtraction sentence.

(a) 

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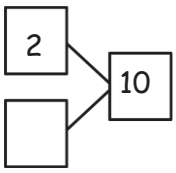
(b) 

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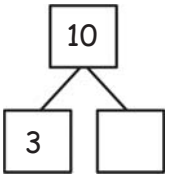
(c) 

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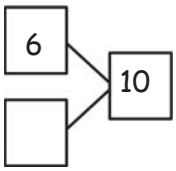
(d) 

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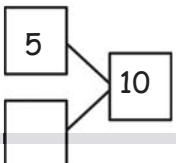
(e) 

_____

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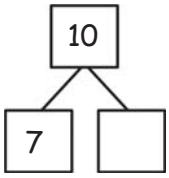
Name _____ Date _____

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

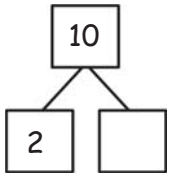
1.



_____

_____

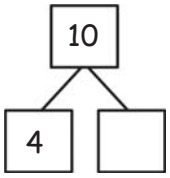
2.



_____

_____

3.



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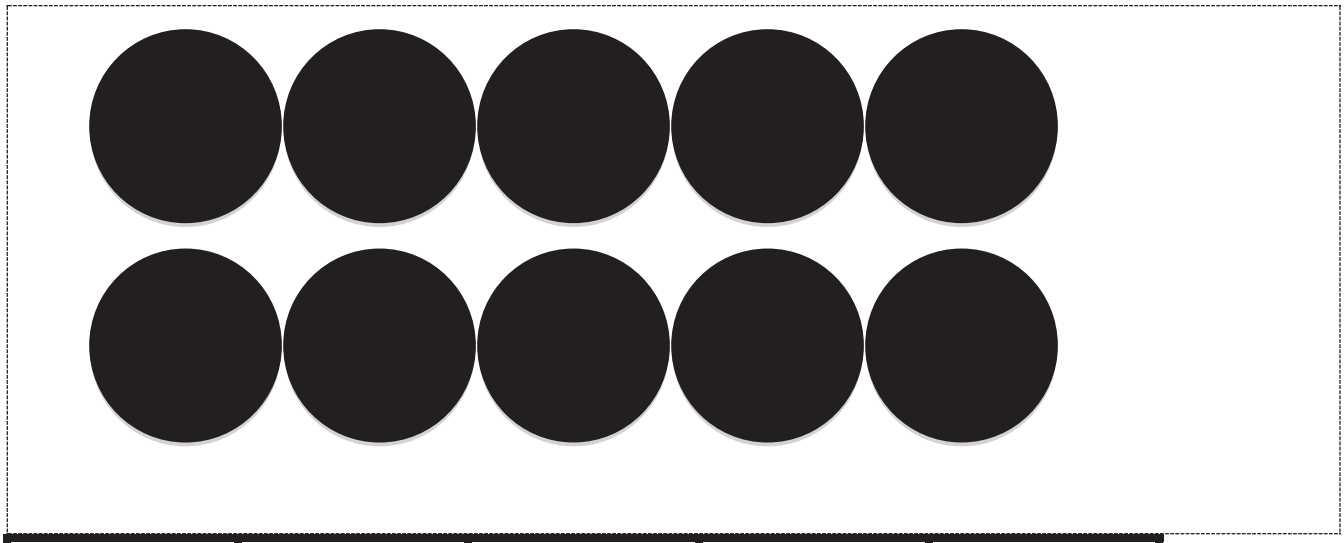

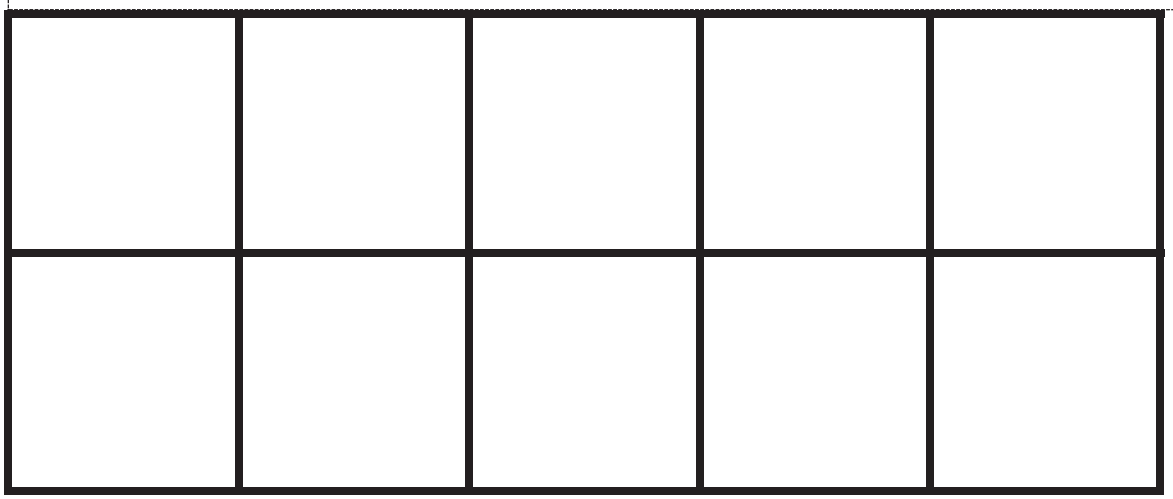

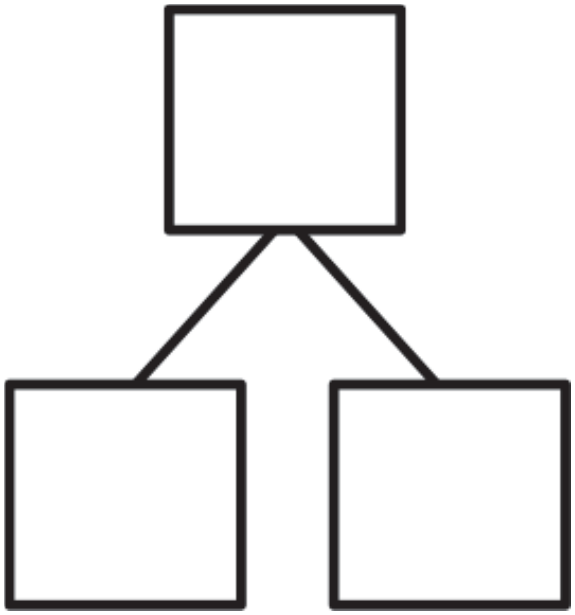

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Numeral Cards

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

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A

Number correct:

Name _____ Date _____

*Write the missing number from each subtraction sentence. Pay attention to the + and – signs.

1	9 + 1 = ☐		16	10 – 7 = ☐	
2	1 + 9 = ☐		17	10 = 7 + ☐	
3	10 – 1 = ☐		18	10 = 3 + ☐	
4	10 – 9 = ☐		19	10 = 6 + ☐	
5	10 + 0 = ☐		20	10 = 4 + ☐	
6	0 + 10 = ☐		21	10 = 5 + ☐	
7	10 – 0 = ☐		22	10 - ☐ = 5	
8	10 – 10 = ☐		23	5 = 10 - ☐	
9	8 + 2 = ☐		24	6 = 10 - ☐	
10	2 + 8 = ☐		25	7 = 10 - ☐	
11	10 – 2 = ☐		26	7 = ☐ - 3	
12	10 – 8 = ☐		27	4 = 10 - ☐	
13	7 + 3 = ☐		28	5 = ☐ - 5	
14	3 + 7 = ☐		29	6 = 10 - ☐	
15	10 – 3 = ☐		30	7 = ☐ - 3	

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B

Number correct:

Name _____ Date _____

*Write the missing number from each number sentence. Pay attention to the + and – signs.

1	8 + 2 = ☐		16	10 – 6 = ☐	
2	2 + 8 = ☐		17	10 = 8 + ☐	
3	10 – 2 = ☐		18	10 = 7 + ☐	
4	10 – 8 = ☐		19	10 = 3 + ☐	
5	9 + 1 = ☐		20	10 = 4 + ☐	
6	1 + 9 = ☐		21	10 = 5 + ☐	
7	10 – 1 = ☐		22	10 - ☐ = 5	
8	10 – 9 = ☐		23	6 = 10 - ☐	
9	10 + 0 = ☐		24	7 = 10 - ☐	
10	0 + 10 = ☐		25	8 = 10 - ☐	
11	10 – 0 = ☐		26	7 = ☐ - 3	
12	10 – 10 = ☐		27	2 = 10 - ☐	
13	6 + 4 = ☐		28	4 = ☐ - 6	
14	4 + 6 = ☐		29	3 = 10 - ☐	
15	10 – 4 = ☐		30	7 = ☐ - 3	

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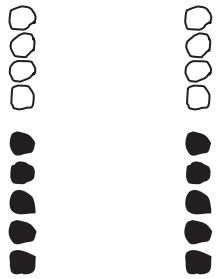
Name _____ Date _____

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

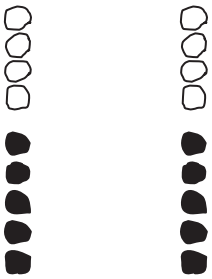
1.



9 – 8 = ____

9 – 1 = ____

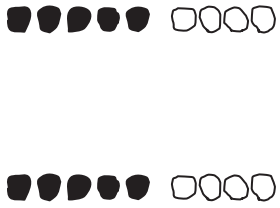
2.



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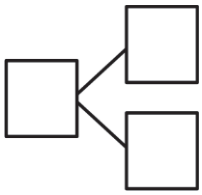
Subtract. Then write the related subtraction sentence.
Make a math drawing if needed and complete a number bond.

7. 

9 – 5 = ___

_____

8.

9 – 8 = ___

_____

9.

9 – 7 = ___

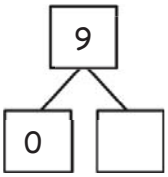
_____

10.

9 – 3 = ___

_____

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

(a) 

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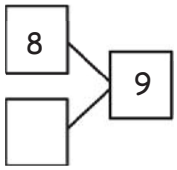
(b) 

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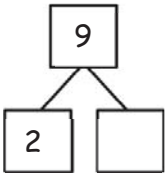
_____

(c) 

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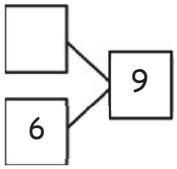
(d) 

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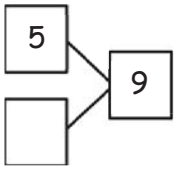
(e) 

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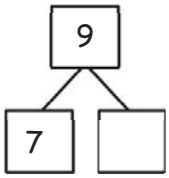
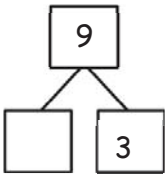
Name _____ Date _____

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

1. 

_____

_____

2. 

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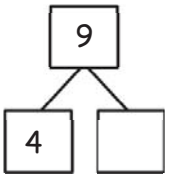
_____

3. 

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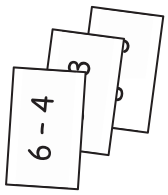
Name _____ Date _____



Pick a subtraction flashcard.

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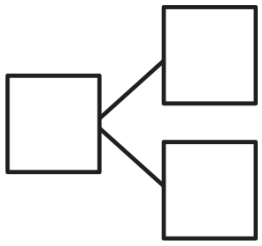
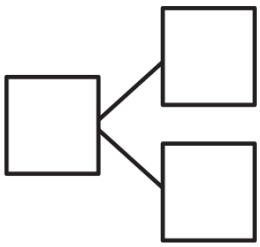
Directions: On your addition chart shade a square orange. Write the related subtraction fact in a space below with its number bond. Color all the totals orange.

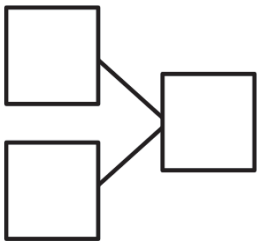
1. _____ - _____ = _____



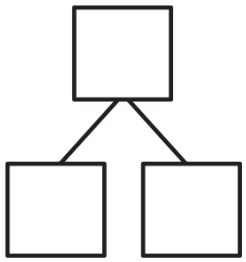
2. _____ - _____ = _____



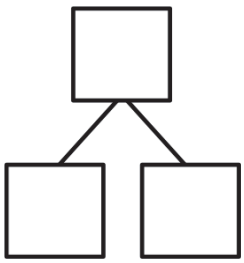
3. _____ - _____ = _____



4. _____ = _____ - _____



5. _____ = _____ - _____



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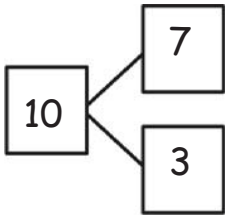
Name _____ Date _____

Write the related number sentences for the number bonds.

1.



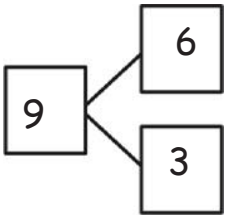
_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

2.



_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

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A

Number Correct_____

1	8 and 2 make ☐		16	11 is 10 and ☐	
2	9 and 1 make ☐		17	11 is 1 and ☐	
3	7 and 3 make ☐		18	12 is 2 and ☐	
4	6 and ☐make 10		19	11 is ☐and 1	
5	4 and ☐make 10		20	14 is 10 and ☐	
6	5 and ☐make 10		21	15 is ☐and 5	
7	☐and 5 make 10		22	18 is 10 and ☐	
8	13 is 10 and ☐		23	20 is 10 and ☐	
9	14 is 10 and ☐		24	2 more than 10 is ☐	
10	16 is 10 and ☐		25	10 more than 2 is ☐	
11	17 is 10 and ☐		26	10 is ☐less than 12	
12	19 is 10 and ☐		27	10 is ☐less than 12	
13	18 is 10 and ☐		28	8 less than 18 is ☐	
14	12 is 10 and ☐		29	6 less than 16 is ☐	
15	13 is 10 and ☐		30	10 less than 20 is ☐	

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B Number Correct_____

1	9 and 1 make ☐		16	12 is 10 and ☐	
2	8 and 2 make ☐		17	12 is 2 and ☐	
3	6 and 4 make ☐		18	11 is 1 and ☐	
4	7 and ☐make 10		19	11 is ☐and 1	
5	3 and ☐make 10		20	15 is 10 and ☐	
6	7 and ☐make 10		21	14 is ☐and 4	
7	☐and 5 make 10		22	19 is 10 and ☐	
8	14 is 10 and ☐		23	20 is 10 and ☐	
9	13 is 10 and ☐		24	1 more than 10 is ☐	
10	17 is 10 and ☐		25	10 more than 1 is ☐	
11	16 is 10 and ☐		26	10 is ☐less than 11	
12	15 is 10 and ☐		27	10 is ☐less than 11	
13	19 is 10 and ☐		28	7 less than 17 is ☐	
14	11 is 10 and ☐		29	9 less than 19 is ☐	
15	12 is 10 and ☐		30	10 less than 20 is ☐	

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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 flashcard.

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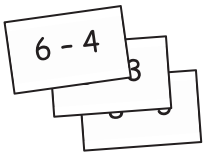
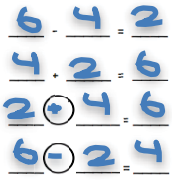
Directions: Choose an expression card and write 4 problems that use the same parts and totals. Shade the totals orange.





1. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

2. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

3. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

4. ____ - ____ = ____

____ + ____ = ____

____ ◯ ____ = ____

____ ◯ ____ = ____

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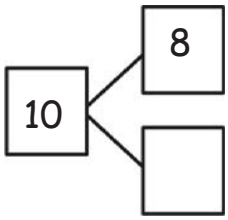
Name _____ Date _____

Write the related number sentences for the number bonds.

1.



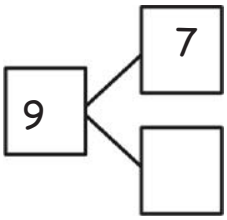
_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

2.



_____ - _____ = _____

_____ + _____ = _____

_____ ◯ _____ = _____

_____ ◯ _____ = _____

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Mid-Module Assessment

Name _____ Date _____

1. There were 5 boys at Jake's party. Some more came after basketball practice. Then there were 9.
   a. Draw a picture to help you solve the problem.

   b. Draw a complete number bond that goes with this story.

   c. Write an addition sentence to match this story.

   _____

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2. Write the numbers that go in the blanks.
   a. Color all of the partners to 10 blue.
   b. Color all of the +1 facts yellow.
   c. Color all of the +2 facts red.

3 + 7 = _____	_____ = 1 + 4	3 + 2 = _____
_____ = 7 + 2	5 + 1 = _____	_____ = 8 + 1
9 + 1 = _____	_____ = 2 + 6	6 + 4 = _____

3. Look at the party picture!

   a. Write at least two different addition sentences using 3, 6, and 9 that describe the party picture.

   _____ _____

   b. How are these number sentences the same? Explain using pictures and numbers.

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4. Monica says when the unknown is 4, it makes this number sentence true: 5 + 3 = ___ + 4. Terry says she is wrong. He says 8 makes the number sentence true.

   a. Who is correct? Explain your thinking using pictures, words, or numbers.

   b. Monica says that 3 and 5 is equal to 5 and 3. Terry says she is wrong again. Explain who is correct, using pictures, numbers, or words.

   c. Next, Monica tells Terry 8 = 8. Terry says she is wrong one more time. Explain who is correct, using pictures, numbers, or words.

   d. Terry decided to share 8 carrot sticks with his friend Monica. Monica put 5 carrot sticks on her plate and some more in her lunch box. How many carrot sticks did Monica put in her lunch box?

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End of Module Assessment

Name _____ Date _____

1. There are 9 ducks swimming along in a line. There are 2 grown-up ducks, and the rest are babies. How many of the ducks are babies?
   a. Explain your thinking using pictures, numbers or words.

   b. Write a number sentence that shows how you solved the problem.

   _____

2. Jennifer says you can use addition to solve subtraction.
   She says to solve 9 – 6 = ☐, just add 9 + 6.
   Explain how Jennifer is right **and** wrong using words, pictures, and numbers.

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3. Jeremy is confused about this problem: ___ = 10 – 8. Be his teacher. Write one or more addition number sentences that might help him understand and solve it. Explain to Jeremy using words, pictures, or numbers, too.

4. At the park, there are 6 friends playing baseball. Some more friends come. Now there are 10 friends playing.
   a. How many friends come to play with the first 6 friends? Explain your thinking using a math drawing, numbers, and words.

   b. Write an addition sentence and a subtraction sentence to match the story.

   _____ _____

   c. Write the addition sentence you found when solving the problem, and use the same 3 numbers to write 3 more number sentences:

   _____ _____

   _____ _____

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