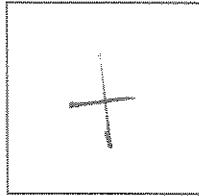


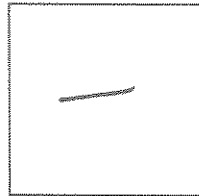
Lesson 1 - Recognizing Symbols

Worksheet A

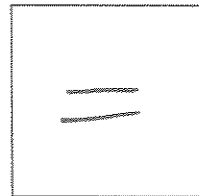
1. Look at the word and draw a picture of the symbol.



Plus



Minus

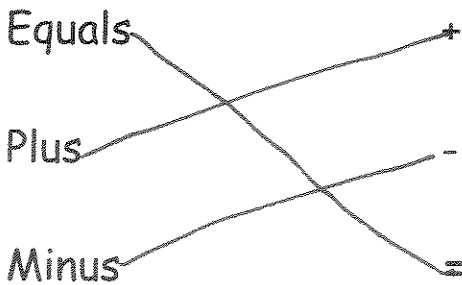


Equals

2. Follow the symbols.

+	—	7	3
1		4	9
5	—	—	-
6	0	2	+

3. Match the words to the symbols



Name _____

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Lesson 2 - Recognize Descriptors
Worksheet A

1. Draw a line to the symbol that these words belong to.

more
all together
add
how many more
plus
how many
went away
less
left over
in all
take away
subtract
minus

The image shows two symbols: a large plus sign (+) and a large minus sign (-). Lines connect the following words to the plus sign: 'more', 'all together', 'add', 'how many more', and 'plus'. Lines connect the following words to the minus sign: 'less', 'left over', 'in all', 'take away', 'subtract', and 'minus'.

2. Underline any words used to describe adding or subtracting.

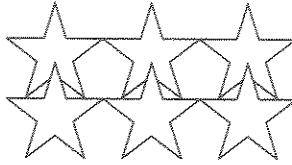
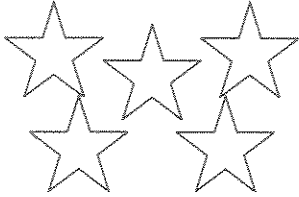
- Mrs. Thomas gave 2 pencils to Emily and 4 pencils to Taylor.
How many pencils did she give out?
- Jessica had 8 pieces of bubble gum. She ate 4 pieces on Tuesday, how many does she have left?
- Kyle has 6 hockey sticks and Braeson has 5 hockey sticks.
How many hockey sticks do they have all together?
- Megan drew 5 smiley faces and Ryan drew 3 smiley faces.
How many more did Megan draw?

Name _____

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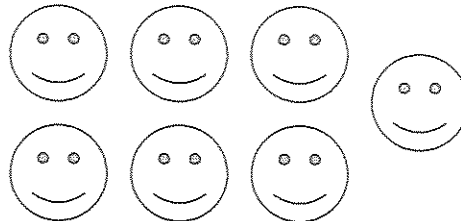
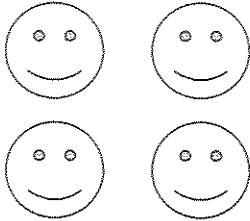
Lesson 3 - The Process of Addition
Worksheet A

1. Count the shapes, print the numbers and find the answer.



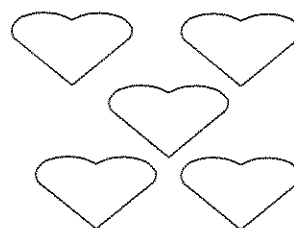
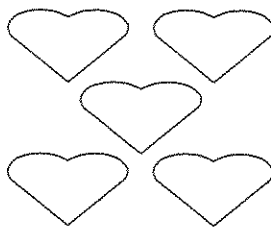
$$\boxed{5} \quad + \quad \boxed{6} \quad = \quad \boxed{11}$$

2.



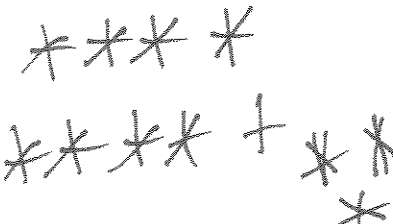
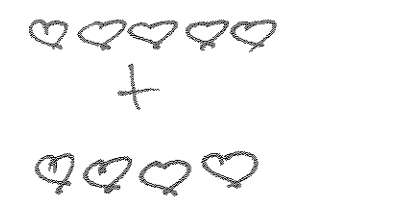
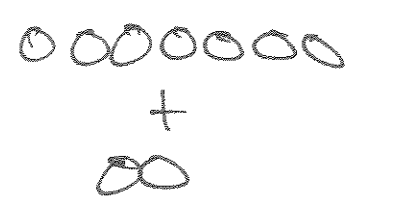
$$\boxed{4} \quad + \quad \boxed{7} \quad = \quad \boxed{11}$$

3.

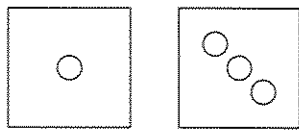


$$\boxed{5} \quad + \quad \boxed{5} \quad = \quad \boxed{10}$$

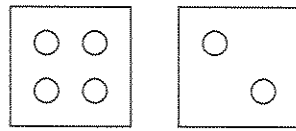
4. Look at the numbers in the boxes, draw the picture and find the answer.

Picture	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> </div>	Answer
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">8</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">3</div> </div>	11
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">5</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">4</div> </div>	9
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">7</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">2</div> </div>	9

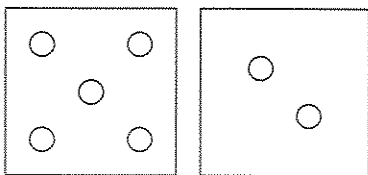
5. Find the answer



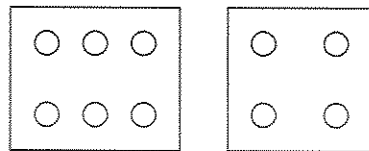
$$\underline{1} + \underline{3} = \underline{4}$$



$$\underline{4} + \underline{2} = \underline{6}$$



$$\underline{5} + \underline{2} = \underline{7}$$



$$\underline{6} + \underline{4} = \underline{10}$$

Name _____

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Lesson 3 - The Process of Addition

Worksheet B

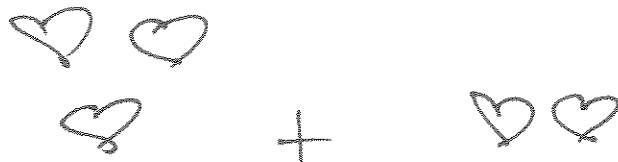
Answers will vary. For example:
Draw a picture and write the numbers into the boxes. Solve.

1.



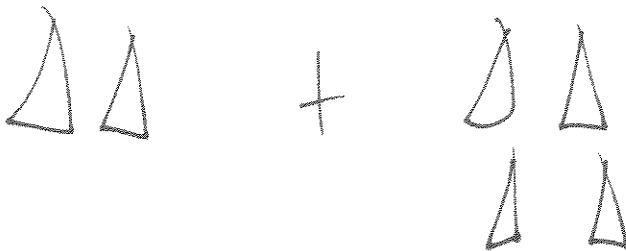
$$\boxed{1} \quad + \quad \boxed{1} \quad = \quad \boxed{2}$$

2.





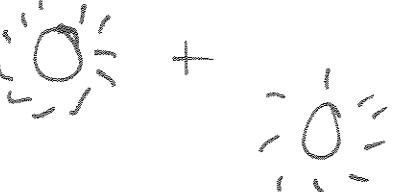
$$\boxed{3} \quad + \quad \boxed{2} \quad = \quad \boxed{5}$$

3.



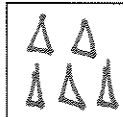


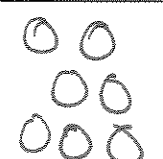
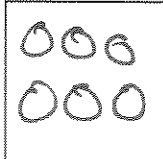
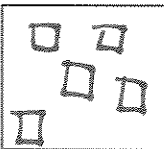
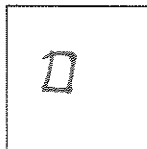
$$\boxed{2} \quad + \quad \boxed{4} \quad = \quad \boxed{6}$$

4. Draw a picture and write the numbers into the boxes.
Solve.

Picture	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px;"></div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; width: 40px; height: 40px;"></div> </div>	Answer
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">3</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">2</div> </div>	5
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">2</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">4</div> </div>	6
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">1</div> <div style="font-size: 24px;">+</div> <div style="border: 1px solid black; padding: 5px; width: 40px; text-align: center;">1</div> </div>	2

5. Draw a picture and write the numbers into the boxes. Solve.

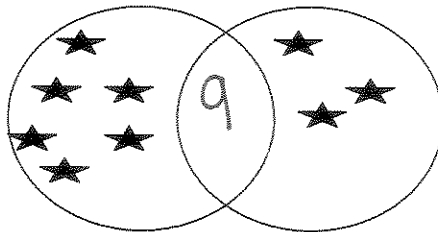
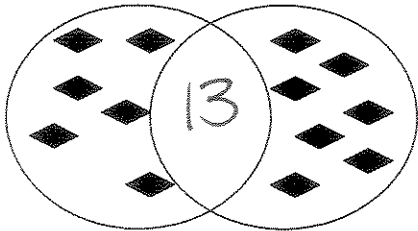
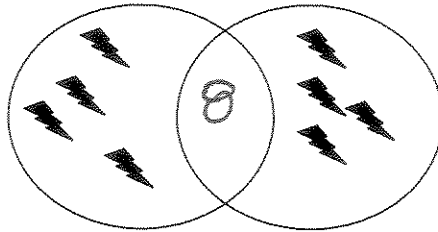
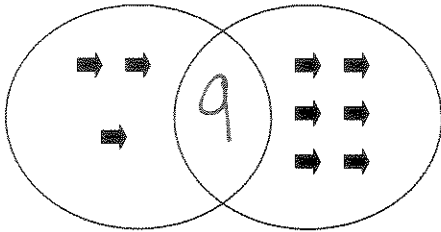
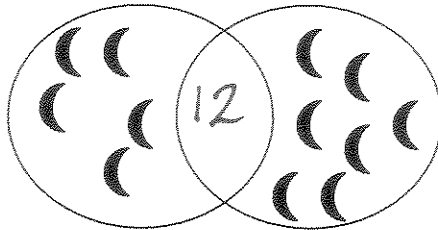
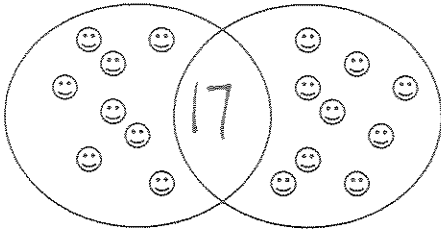
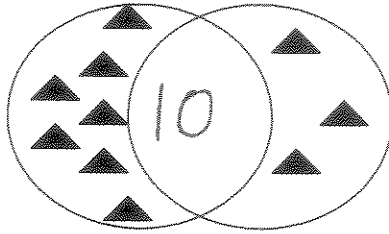
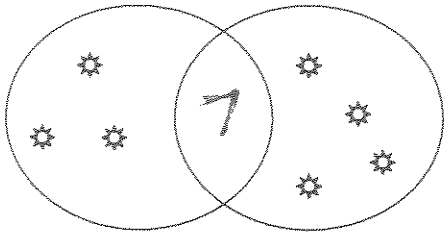
					
<u>3</u>	+	<u>3</u>	=	<u>6</u>	
				<u>2</u>	+
				<u>5</u>	=
				<u>7</u>	

					
<u>7</u>	+	<u>6</u>	=	<u>13</u>	
				<u>5</u>	+
				<u>1</u>	=
				<u>6</u>	

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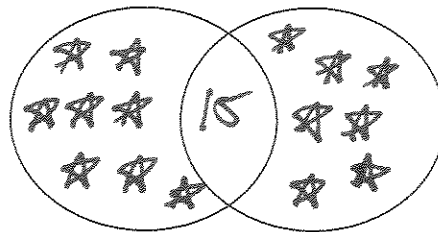
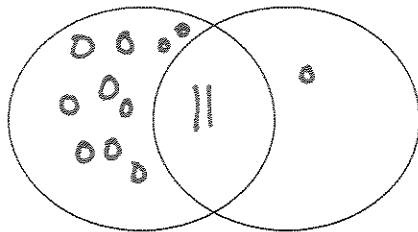
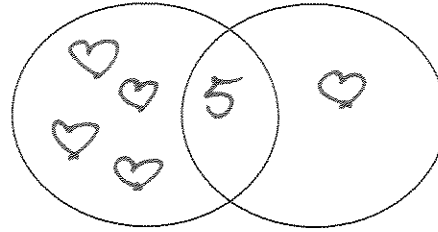
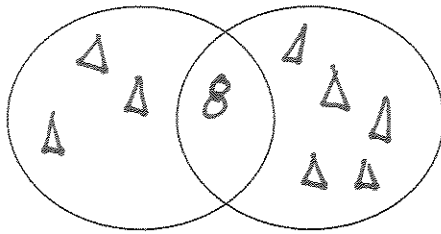
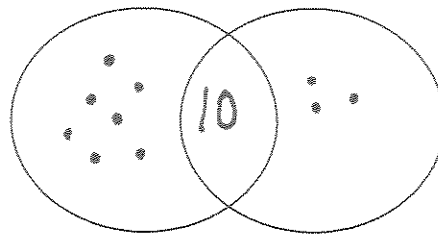
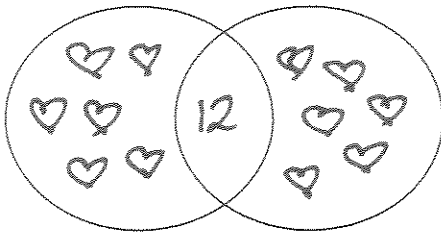
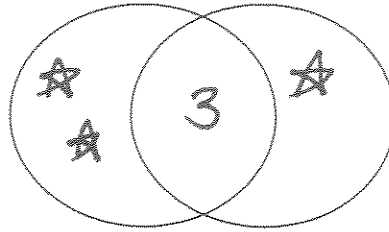
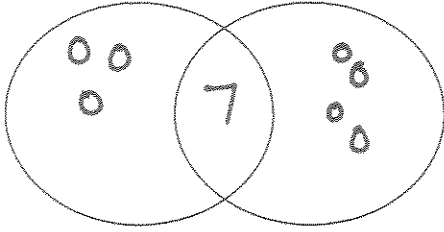
Lesson 4 - The Process of Addition
Worksheet A



Name _____

Date _____

Answers will vary. For example: Lesson 4 - The Process of Addition Using Diagrams
Worksheet B



Name _____

Date _____

Lesson 5- Addition Facts to 18

Worksheet A

1. Write the sum of each number sentence.

a) $2 + 2 = \underline{4}$

b) $2 + 3 = \underline{5}$

c) $5 + 4 = \underline{9}$

d) $3 + 7 = \underline{10}$

e) $5 + 3 = \underline{8}$

f) $7 + 2 = \underline{9}$

g) $2 + 8 = \underline{10}$

h) $7 + 1 = \underline{8}$


i) $9 + 1 = \underline{10}$

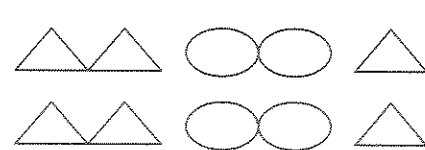
j) $6 + 1 = \underline{7}$

k) $4 + 0 = \underline{4}$

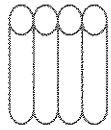
l) $6 + 3 = \underline{9}$

2. Write the related facts for each picture.

a)  $\underline{4} + \underline{3} = \underline{7}$
 $\underline{3} + \underline{4} = \underline{7}$

b)  $\underline{6} + \underline{4} = \underline{10}$
 $\underline{4} + \underline{6} = \underline{10}$

c)



$$\begin{array}{r} 4 \\ \hline 4 \end{array} + \begin{array}{r} 4 \\ \hline 4 \end{array} = \begin{array}{r} 8 \\ \hline 8 \end{array}$$

3. List all of the facts (include all family facts) that have the sum of 6.

$$1 + 5 = 6$$

$$2 + 4 = 6$$

$$3 + 3 = 6$$

$$0 + 6 = 6$$

$$5 + 1 = 6$$

$$4 + 2 = 6$$

$$6 + 0 = 6$$

Name _____

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Lesson 5- Addition Facts to 18

Worksheet B

1. Write the sum or addend of each number sentence.

a) $7 + \underline{3} = 10$

b) $2 + 5 = \underline{7}$

c) $\underline{3} + 4 = 7$

d) $3 + \underline{5} = 8$

e) $5 + \underline{5} = 10$

f) $7 + \underline{2} = 9$

g) $8 + 2 = \underline{10}$

h) $\underline{4} + 2 = 6$

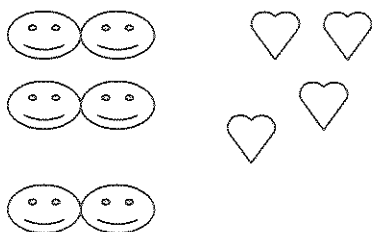
i) $\underline{1} + 8 = 9$

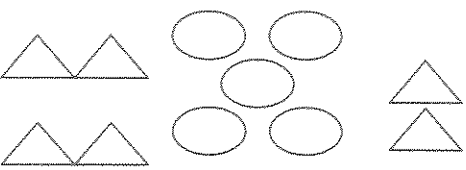
j) $\underline{3} + 6 = 9$

k) $1 + \underline{7} = 8$

l) $6 + 4 = \underline{10}$

2. Write the related facts for each picture.

a)  $\underline{6} + \underline{4} = \underline{10}$
 $\underline{4} + \underline{6} = \underline{10}$

b)  $\frac{6}{5} + \frac{5}{6} = \frac{11}{11}$

$\frac{5}{6} + \frac{6}{5} = \frac{11}{11}$

c)  $\frac{6}{5} + \frac{5}{6} = \frac{11}{11}$

3. List all of the facts (include all family facts) that have the sum of 8.

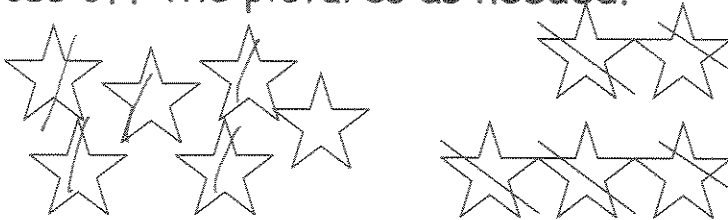
$0 + 8 = 8$ $1 + 7 = 8$ $2 + 6 = 8$ $3 + 5 = 8$ $4 + 4 = 8$
 $8 + 0 = 8$ $7 + 1 = 8$ $6 + 2 = 8$ $5 + 3 = 8$

Name _____

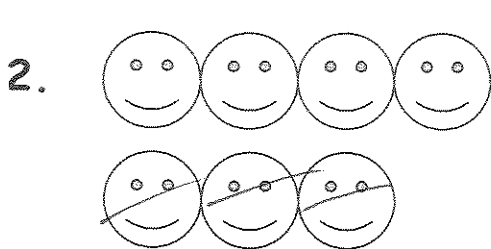
Date _____

Lesson 6 - The Process of Subtraction
Worksheet A

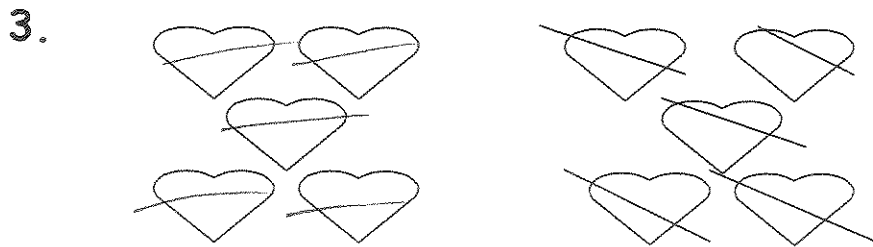
1. Count the pictures, print the numbers and find the answer.
Cross off the pictures as needed.



$$\boxed{6} \quad \boxed{-} \quad \boxed{5} \quad \boxed{=} \quad \boxed{1}$$









$$\boxed{7} \quad \boxed{-} \quad \boxed{4} \quad \boxed{=} \quad \boxed{3}$$

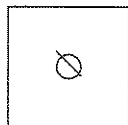
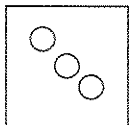


$$\boxed{5} \quad \boxed{-} \quad \boxed{5} \quad \boxed{=} \quad \boxed{0}$$

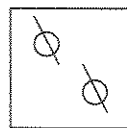
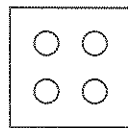
4. Look at the numbers in the boxes, draw the picture and find the answer.

Picture	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> - <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> </div>	Answer
 	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">8</div> - <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">3</div> </div>	5
 	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">5</div> - <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">4</div> </div>	1
 	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">7</div> - <div style="border: 1px solid black; width: 40px; height: 40px; text-align: center; line-height: 40px;">2</div> </div>	5

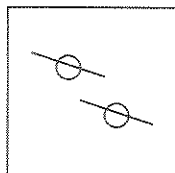
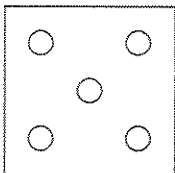
5. Find the answer



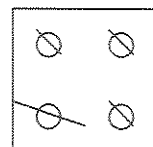
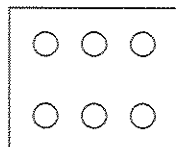
$$\underline{3} - \underline{1} = \underline{2}$$



$$\underline{4} - \underline{2} = \underline{2}$$



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



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

Name _____

Date _____

Lesson 6 - The Process of Subtraction

Worksheet B

Answers will vary. For example:

Draw a picture and write the numbers into the boxes. Solve.

1.



5

-

2

=

3

2.



6

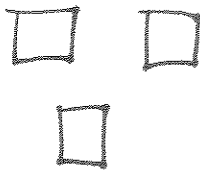
-

4

=

2

3.



3

-

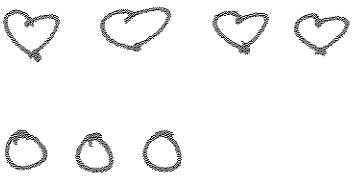

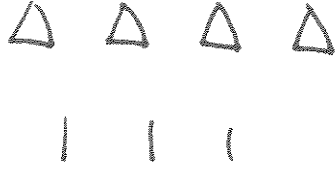
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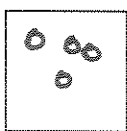
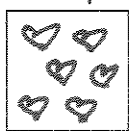
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Answers will vary. For examples:

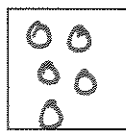
4. Draw a picture and write the numbers into the boxes.
Solve.

Picture	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> </div> <div style="font-size: 24px;">-</div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> </div> </div>	Answer
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">4</div> <div style="font-size: 24px;">-</div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">3</div> </div>	1
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">6</div> <div style="font-size: 24px;">-</div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">2</div> </div>	4
	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">4</div> <div style="font-size: 24px;">-</div> <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">3</div> </div>	1

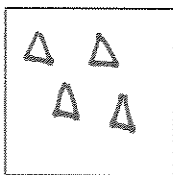
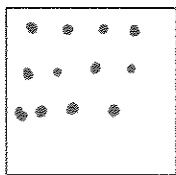
5. Draw a picture and write the numbers into the boxes. Solve.



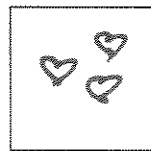
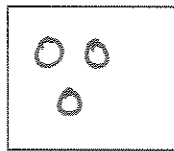
$$\underline{6} - \underline{4} = \underline{2}$$



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



$$\underline{12} - \underline{4} = \underline{8}$$

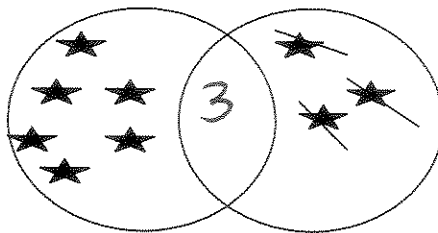
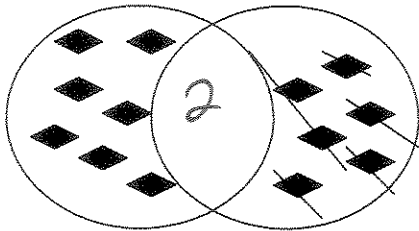
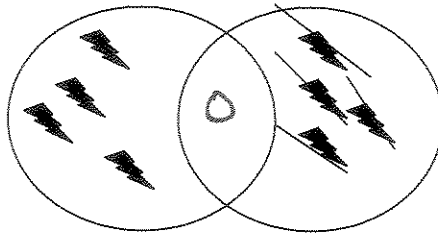
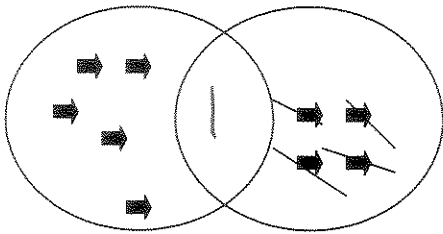
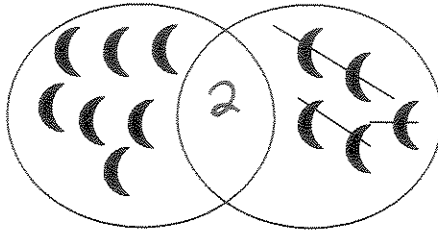
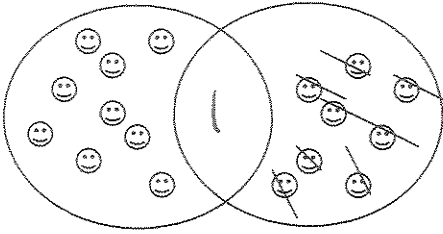
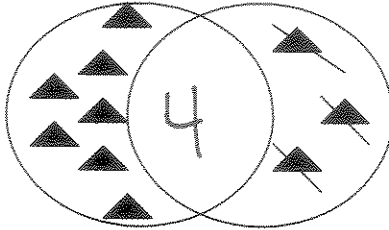
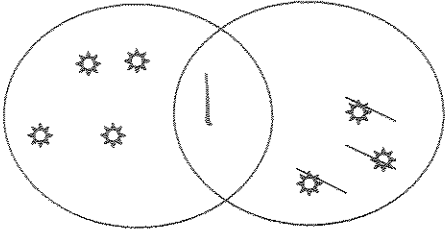


$$\underline{3} - \underline{3} = \underline{0}$$

Name _____

Date _____

Lesson 7 - The Process of Subtraction Using Diagrams
Worksheet A



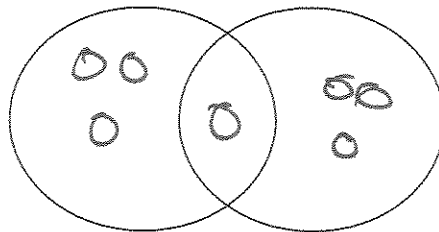
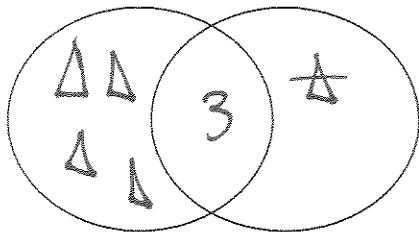
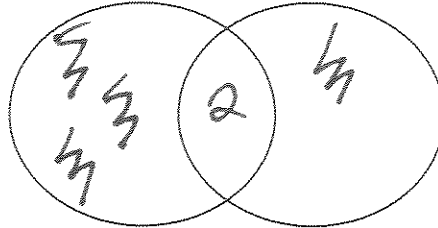
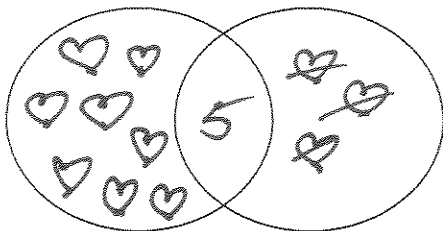
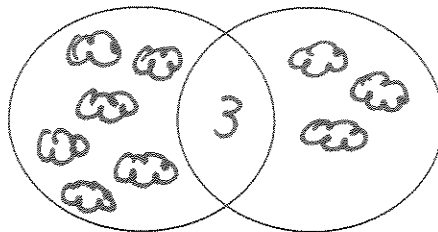
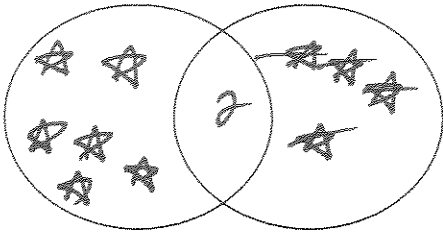
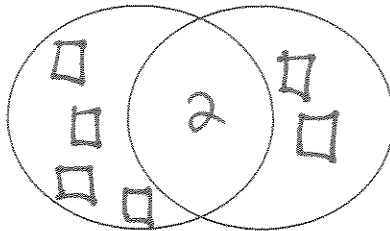
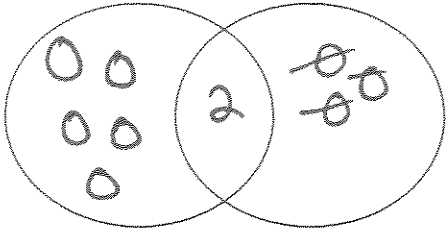
Name _____

Date _____

Answers will vary. For example:

Lesson 7 - The Process of Subtraction Using Diagrams

Worksheet B



Lesson 8 - Subtraction Facts to 18

Worksheet A

1. Find the difference for each fact.

a) $7 - 4 = \underline{3}$

b) $10 - 6 = \underline{4}$

c) $8 - 4 = \underline{4}$

d) $8 - 7 = \underline{1}$

e) $5 - 2 = \underline{3}$

f) $7 - 4 = \underline{3}$

g) $9 - 9 = \underline{0}$

h) $7 - 2 = \underline{5}$

i) $9 - 8 = \underline{1}$

j) $8 - 6 = \underline{2}$

k) $10 - 9 = \underline{1}$

l) $8 - 5 = \underline{3}$

2. Solve the difference for each number sentence and write the related subtraction sentence.

a) $10 - 7 = \underline{3}$

b) $9 - 2 = \underline{7}$

$\underline{10} - \underline{3} = \underline{7}$

$\underline{9} - \underline{7} = \underline{2}$

d) $8 - 6 = \underline{2}$

e) $9 - 5 = \underline{4}$

$\underline{8} - \underline{2} = \underline{6}$

$\underline{9} - \underline{4} = \underline{5}$

Name _____

Date _____

Lesson 8 - Subtraction Facts to 18

Worksheet B

1. Solve the difference for each number sentence and write the family facts.

a) $10 - 7 = \underline{3}$

$$\underline{10} - \underline{3} = \underline{7}$$

$$\underline{3} + \underline{7} = \underline{10}$$

$$\underline{7} + \underline{3} = \underline{10}$$

b) $6 - 2 = \underline{4}$

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

$$\underline{4} + \underline{2} = \underline{6}$$

$$\underline{2} + \underline{4} = \underline{6}$$

d) $8 - 6 = \underline{2}$

$$\underline{8} - \underline{2} = \underline{6}$$

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

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

e) $9 - 5 = \underline{4}$

$$\underline{9} - \underline{4} = \underline{5}$$

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

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

2. Solve the difference for each fact, then write the strategy for the group of facts.

a) $3 - 3 = \underline{0}$ b) $10 - 10 = \underline{0}$

c) $6 - 6 = \underline{0}$ d) $8 - 8 = \underline{0}$

Strategy:

When subtracting the same number the answer is always 0.

d) $10 - 6 = \underline{4}$

e) $8 - 5 = \underline{3}$

f) $4 - 3 = \underline{1}$

g) $10 - 4 = \underline{6}$

Answers may vary. For example:

Strategy:

I used my fingers to count down.

h) $5 - 4 = \underline{1}$

i) $6 - 5 = \underline{1}$

j) $8 - 7 = \underline{1}$

k) $10 - 9 = \underline{1}$

Answers may vary. For example:

Strategy:

When you subtract a number 1 less

than the 1st number the answer is 1.

Name _____

Date _____

Lesson 9 - Problem Solving
Worksheet A

Follow the directions to complete the problems.

1. Drew bought 4 dolls and Emery bought 3 dolls how many dolls do they have all together?

a. Read the problem.

i. Look for key words and underline them. Figure out if you are going to add or subtract.

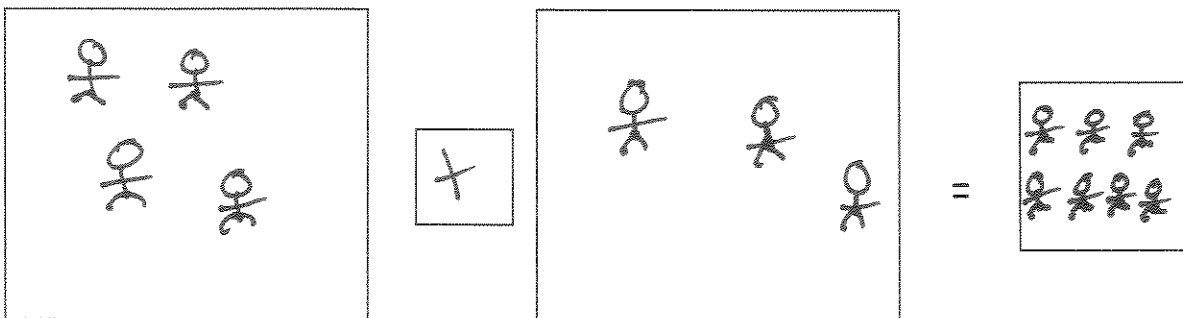
Circle the correct symbol

- +

ii. Print the number sentence on your paper.

$$4 + 3 = 7$$

iii. Draw the picture to represent the problem.



iv. Solve the problem and write the answer down.

They have 7 dolls all together.

2. There are 9 balloons in a bag. Some are yellow and some are green. There are 3 fewer green balloons than yellow. How many yellow balloons are there?

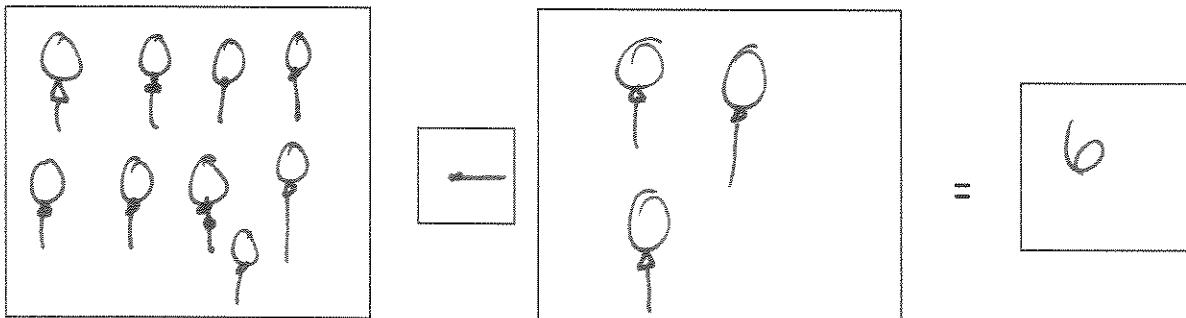
- a. Read the problem.
- b. Look for key words and underline them. Figure out if you are going to add or subtract.
Circle the correct symbol



- c. Print the number sentence on your paper.

$$9 - 3 = 6$$

- d. Draw the picture to represent the problem.



- e. Solve the problem and write the answer down.

There are 6 yellow balloons.

3. There are 3 children on the bus. At the next stop 5 more get on. How many children in all are on the bus?

a. Read the problem.

b. Look for key words and underline them. Figure out if you are going to add or subtract.

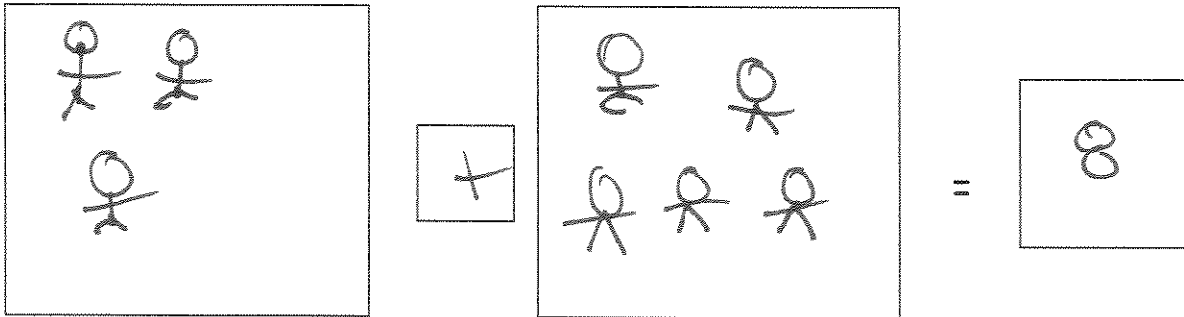
Circle the correct symbol

- +

c. Print the number sentence on your paper.

$$3 + 5 = 8$$

d. Draw the picture to represent the problem.



e. Solve the problem and write the answer down.

There are 8 children on the bus.