

# lesson seven - student resource sheet

**Lesson Objective:** Solve subtraction facts up to a minuend of (18 –  $x = y$ ).

## Vocabulary Box

**subtract** — Take away a number from another number to find out what is left over. Examples:  $9 - 5 = 4$ ,  $12 - 6 = 6$ .

**difference** — The result when one number is subtracted from another number.

Examples:  $10 - 6 = 4$ ,  $7 - 2 = 5$ .

**minus sign** — The symbol that tells when a number is being subtracted. Examples:  $8 - 8 = 0$ ,  $5 - 3 = 2$ .

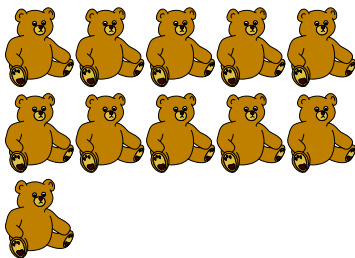


## Guided Practice

Directions: Complete the following practice problems with your partner. Your teacher will review the answers. Make sure you show all your work.

I. Complete each of the following tasks.

1. Find the difference.



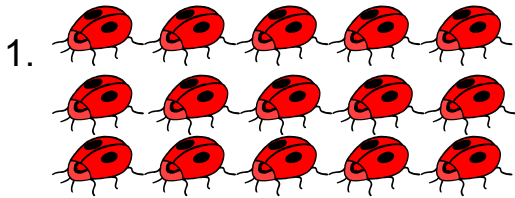
$$11 - 3 = \underline{\quad\quad}$$

2. Find the difference.

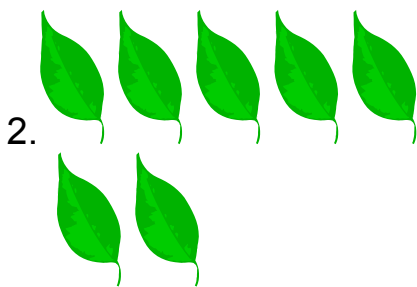


$$8 - 2 = \underline{\hspace{2cm}}$$

II. Solve the following problems. Subtract the numbers to find the difference.

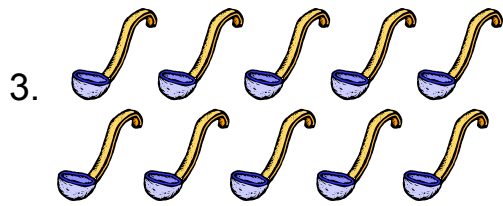


$$15 - 6 = \underline{\hspace{2cm}}$$



$$7 - 5 = \underline{\hspace{2cm}}$$

# lesson seven - student resource sheet



$$10 - 5 = \underline{\hspace{2cm}}$$

4.  $12 - 4 = \underline{\hspace{2cm}}$

5.  $17 - 5 = \underline{\hspace{2cm}}$



## Summary/Closure

---

### A. Vocabulary Words

Look at the subtraction problem below. Then follow the directions for each vocabulary word.

$$7 - 4 = 3$$

1. Circle the difference.
2. Draw a triangle around the minus sign.
3. Draw a square around the equal sign.
4. Draw a picture to show what it means to subtract.

### B. Summarize What We Learned Today

Directions: Write your own subtraction problem and find the difference.

Then draw a picture to make a model of your problem. You will use your model when you need to remember how to solve subtraction problems.

# lesson eight - student resource sheet

**Lesson Objective:** Solve subtraction facts up to a minuend of  $(18 - x = y)$ .

## Vocabulary Box

**subtract** — Take away a number from another number to find out what is left over. Examples:  $9 - 5 = 4$ ,  $12 - 6 = 6$ .

**difference** — The result when one number is subtracted from another number.

Examples:  $10 - 6 = 4$ ,  $7 - 2 = 5$ .

**minus sign** — The symbol that tells when a number is being subtracted.

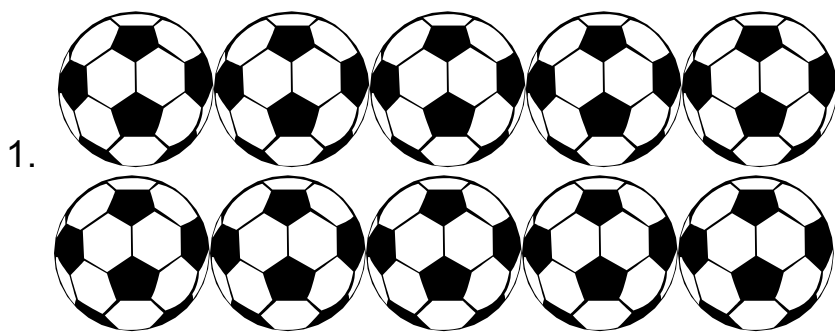
Examples:  $8 - 8 = 0$ ,  $5 - 3 = 2$ .



## Independent Practice

Directions: Complete the following practice problems on your own. Your teacher will review the answers. Make sure you show all your work.

Find the difference.



$$10 - 3 = \underline{\hspace{2cm}}$$

2.



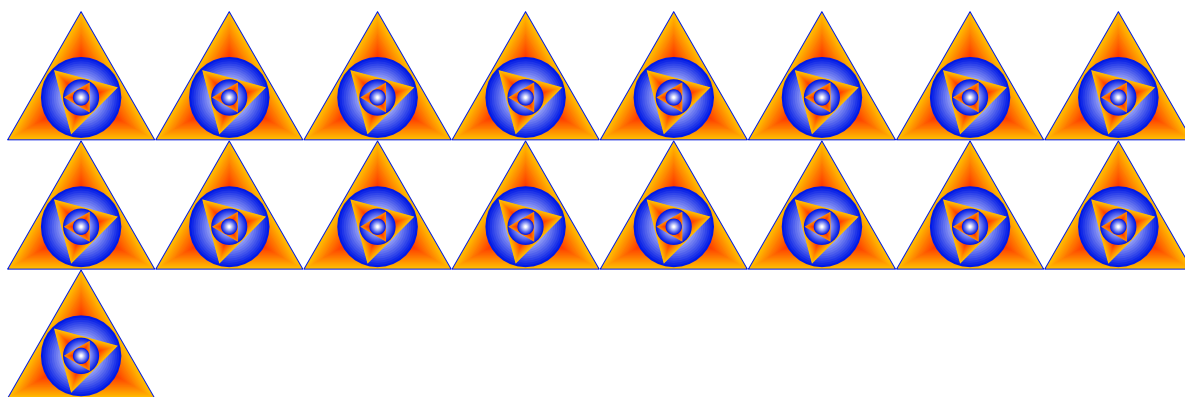
$$9 - 6 = \underline{\hspace{2cm}}$$

3.



$$12 - 10 = \underline{\hspace{2cm}}$$

4.



$$17 - 8 = \underline{\hspace{2cm}}$$

## lesson eight - student resource sheet

5.  $11 - 4 =$  \_\_\_\_\_

6.  $14 - 5 =$  \_\_\_\_\_

7.  $13 - 3 =$  \_\_\_\_\_



---

Directions: Fill in the missing numbers.

1.

$$10 - \underline{\hspace{2cm}} = 5$$

2.

$$\underline{\hspace{2cm}} - 4 = 3$$



# lesson eight - student resource sheet

## **Problem** **Solving**

---

Kim has nine pennies in her hand. She put three of them in her piggy bank.  
How many are left in her hand?

1. Draw a picture to find the difference.

2. Fill in the blanks to show the subtraction problem.

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_



Directions: Find the difference.

1.  $11 - 5 =$  \_\_\_\_\_

2.  $7 - 2 =$  \_\_\_\_\_

3.  $6 - 6 =$  \_\_\_\_\_

# lesson nine - student resource sheet

**Lesson Objective:** Understand the concept that addition and subtraction are related. Identify fact families with sums of 0 to 18.

## Vocabulary Box

**number sentence** — Numbers and symbols that can be read together as a math problem. Examples:  $10 - 6$ ,  $10 + 2$ .

**equation** — A math problem with an equal sign that shows that both sides of the problem have the same value. Examples:  $8 - 8 = 0$ ,  $5 - 3 = 2$ .

**fact family** — A group of three numbers that are related by a pair of operations, such as addition and subtraction. Examples:  $9 + 5 = 14$ ,  $5 + 9 = 14$ ,  $14 - 5 = 9$ ,  $14 - 9 = 5$ .



## Guided Practice

Directions: Complete the following practice problems with your partner. Your teacher will review the answers. Make sure you show all your work.

I. Find the fact family.

5, 6, 11

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

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

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

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

- II. Find the number that is missing from the fact family. Which number fits in the blanks?

$$7 + \underline{\hspace{2cm}} = 16$$

$$\underline{\hspace{2cm}} + 7 = 16$$

$$16 - 7 = \underline{\hspace{2cm}}$$

$$16 - \underline{\hspace{2cm}} = 7$$

- III. Find the fact family and the missing number. Make a fact family with the numbers 2 and 3.

$$2 + 3 = \underline{\hspace{2cm}}$$

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

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

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

# lesson nine - student resource sheet



## Summary/Closure

---

### A. Vocabulary Words

Directions: For each vocabulary word listed, draw a line that connects it to its definition and an example.

number sentence

A math problem with an equal sign that shows that both sides of the problem have the same value.  
Examples:  $8 - 8 = 0$ ,  $5 - 3 = 2$ .

equation

A group of numbers that are related by addition and subtraction.  
Examples:  $9 + 5 = 14$ ,  $5 + 9 = 14$ ,  
 $14 - 5 = 9$ ,  $14 - 9 = 5$ .

fact family

Numbers and symbols that can be read together as a math problem.  
Examples:  $10 - 6$ ,  $10 + 2$ .

### B. Summarize What You Learned Today

Directions: Write a sample fact family. Then explain why it is a fact family.

