

**FROEBEL BILINGUAL SCHOOL**  
A STEM SCHOOL

# **MATH SKILLS SHARPENERS**

**GOING TO THIRD GRADE**

**MATH SUMMER WORKBOOK**

**3**

A STEM School

**FROEBEL**  
BILINGUAL SCHOOL

Home of the Space Generation




# **2023 SUMMER MATHEMATIC SKILLS SHARPENER Going to Third Grade**

|                     |               |
|---------------------|---------------|
| STUDENT'S NAME      | DATE          |
| TEACHER COMING FROM | SCORE         |
| TEACHER GOING TO    |               |
| PARENT'S SIGNATURE  | DATE RECEIVED |

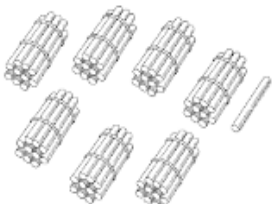
# SKILLS SHARPENER FOR STUDENTS GOING TO THIRD SCHOOL GRADE MATH


## WEEK 1.

Day 1. How many are there?

1.   
10      10      10  
Tens \_\_\_      Ones \_\_\_      \_\_\_\_\_

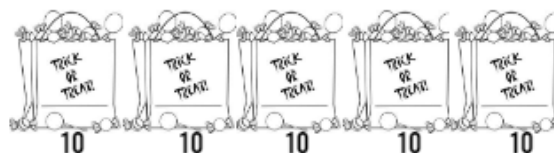
2.   
Tens \_\_\_      Ones \_\_\_      \_\_\_\_\_

3.   
Tens \_\_\_      Ones \_\_\_      \_\_\_\_\_

4.   
Tens \_\_\_      Ones \_\_\_      \_\_\_\_\_

Day 2. Problem solving: Solve the word problem using the ones and tens.

1. Raya has 5 bags of treats. Each bag has 10 pieces of candy. How much candy does Raya have?



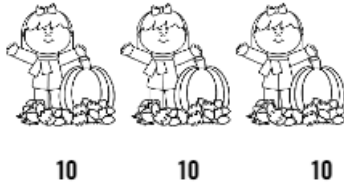
Raya has \_\_\_\_\_ pieces of candy

2. Luca has 4 bags of coins. There are 10 coins in each bag. How many coins does Luca have?



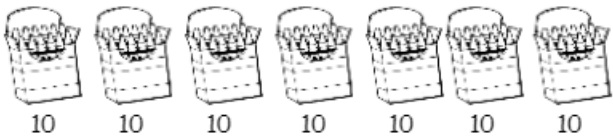
Luca has \_\_\_\_\_ coins.

3. Sarah, Winnie and Mary went to pick up pumpkins. They pick up 10 pumpkins each. How many pumpkins they have altogether?



They have \_\_\_\_\_ pumpkins.

4. Bruno has 7 boxes of crayons. Each box has 10 crayons in it. How many crayons does Bruno have?



Bruno has \_\_\_\_\_ crayons.

Day 3.

a. Write the number 1 – 20 in words

a) \_\_\_\_\_

k) \_\_\_\_\_

b) \_\_\_\_\_

l) \_\_\_\_\_

c) \_\_\_\_\_

m) \_\_\_\_\_

d) \_\_\_\_\_

n) \_\_\_\_\_

e) \_\_\_\_\_

o) \_\_\_\_\_

f) \_\_\_\_\_

p) \_\_\_\_\_

g) \_\_\_\_\_

q) \_\_\_\_\_

h) \_\_\_\_\_

r) \_\_\_\_\_

i) \_\_\_\_\_

s) \_\_\_\_\_

j) \_\_\_\_\_

t) \_\_\_\_\_

b. Write tens in words (10 – 100)

|    |     |
|----|-----|
| 10 | 60  |
| 20 | 70  |
| 30 | 80  |
| 40 | 90  |
| 50 | 100 |

Day 4. Make an estimation, then count the objects and write the actual number.

1. Estimate: \_\_\_\_\_

Actual count: \_\_\_\_\_



2. Estimate: \_\_\_\_\_

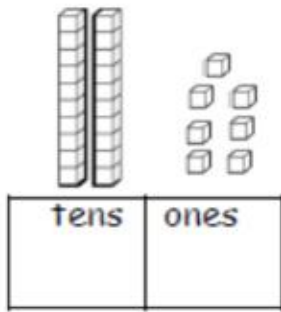
Actual count: \_\_\_\_\_



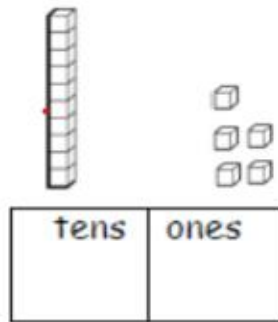
## WEEK 2.

Day 1. Place value - Tens and ones

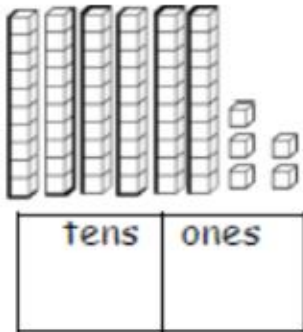
1.



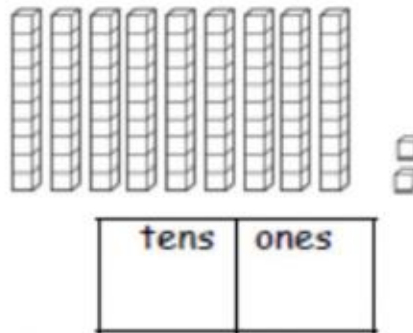
4.



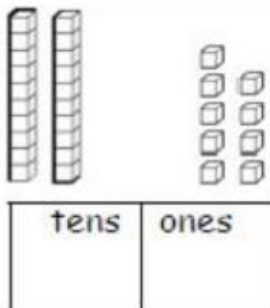
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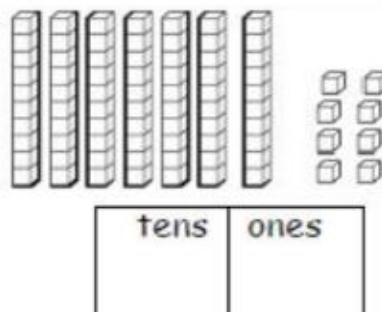
5.



3.

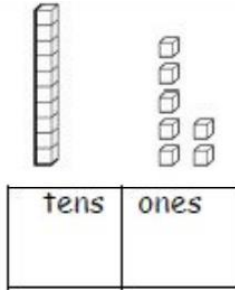


6.



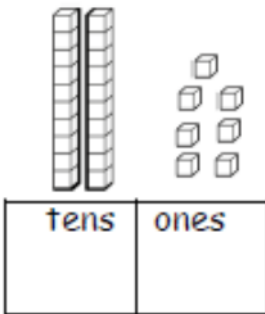
Day 2. Fill the blanks below

1.



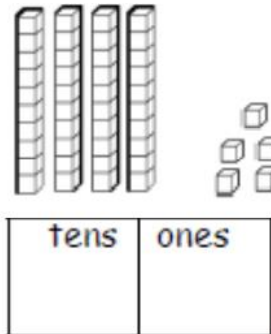
- a) In the number \_\_\_\_\_  
b) The digit \_\_\_\_\_ is in the ones place. It has a value of \_\_\_\_\_  
c) The digit \_\_\_\_\_ is in the tens place. It has a value of \_\_\_\_\_

2.



- a) In the number \_\_\_\_\_  
b) The digit \_\_\_\_\_ is in the ones place. It has a value of \_\_\_\_\_  
c) The digit \_\_\_\_\_ is in the tens place. It has a value of \_\_\_\_\_

3.



- a) In the number \_\_\_\_\_  
b) The digit \_\_\_\_\_ is in the ones place. It has a value of \_\_\_\_\_  
c) The digit \_\_\_\_\_ is in the tens place. It has a value of \_\_\_\_\_

## Day 3 - Position match

\_\_\_\_\_ 1st

\_\_\_\_\_ 2nd

\_\_\_\_\_ 3rd

\_\_\_\_\_ 4th

\_\_\_\_\_ 5th

\_\_\_\_\_ 6th

\_\_\_\_\_ 7th

\_\_\_\_\_ 8th

\_\_\_\_\_ 9th

\_\_\_\_\_ 10th

a. fourth

b. seventh

c. ninth

d. first

e. eighth

f. tenth

i. second

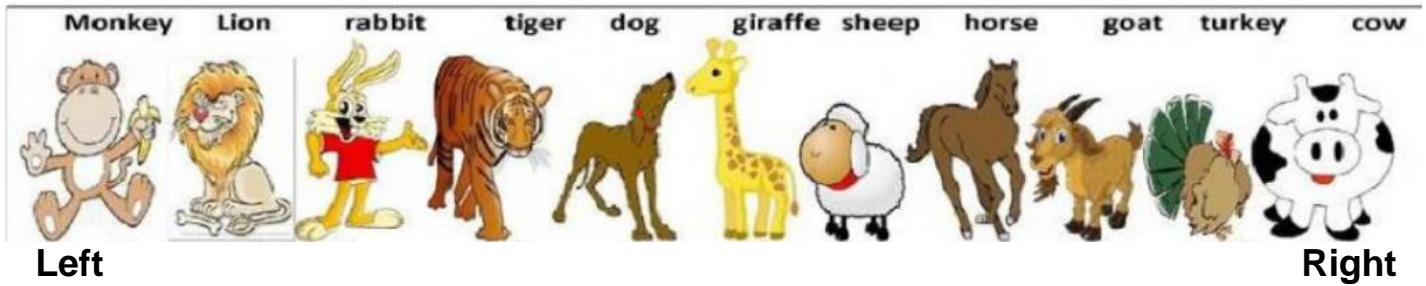
j. fifth

k. third

l. Sixth



Day 4- Write the correct answer



- a. The \_\_\_\_\_ is the first one from the left.
- b. The \_\_\_\_\_ is the first one from the right.
- c. The \_\_\_\_\_ is the fourth from the left.
- d. The \_\_\_\_\_ is the fifth one from the right.
- e. The \_\_\_\_\_ is the fifth animal from the left.
- f. The \_\_\_\_\_ is the fourth animal from the right.
- g. What is the third animal from the left? \_\_\_\_\_
- h. What is the second animal from the right? \_\_\_\_\_
- i. What is the last animal from the left? \_\_\_\_\_
- j. What is the last animal from the right? \_\_\_\_\_

## WEEK 3.

Day 1- Less than and greater than.

1. Fill the blank with < or >

55 \_\_\_\_\_ 35

22 \_\_\_\_\_ 32

56 \_\_\_\_\_ 65

77 \_\_\_\_\_ 17

11 \_\_\_\_\_ 31

99 \_\_\_\_\_ 19

100 \_\_\_\_\_ 50

44 \_\_\_\_\_ 33

2. Arrange these numbers in order. Begin with the smallest.

a. 45, 54, 34 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. 68, 99, 98 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3. Arrange these numbers in order. Begin with the greatest.

a. 46, 41, 54 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. 67, 69, 72 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

4. Match

\_\_\_\_\_ 10 more than 34

a. 68

\_\_\_\_\_ 10 less than 45

b. 44

\_\_\_\_\_ 10 less than 78

c. 99

\_\_\_\_\_ 10 more than 43

d. 35

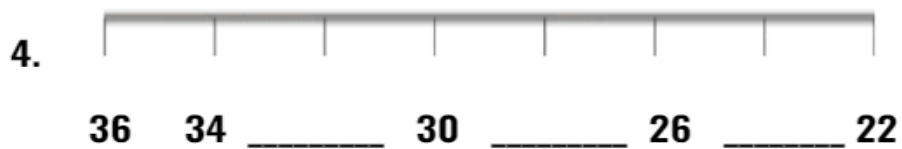
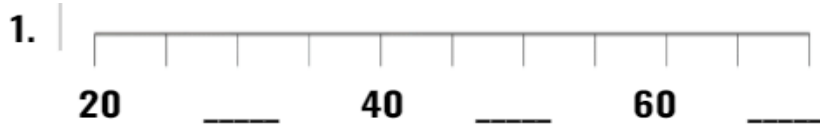
\_\_\_\_\_ 10 more than 89

e. 49

\_\_\_\_\_ 10 less than 59

f. 53

Day 2- What is the missing number? Write the number.



Day 3 - Fill the blank

a. Are the numbers even or odd?

8 \_\_\_\_\_

35 \_\_\_\_\_

11 \_\_\_\_\_

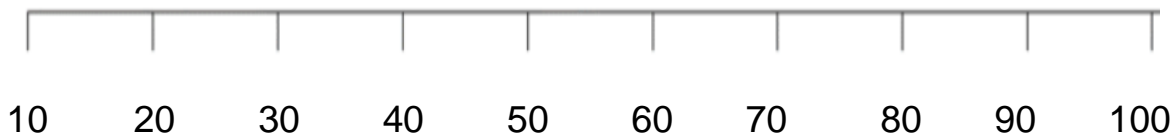
93 \_\_\_\_\_

50 \_\_\_\_\_

87 \_\_\_\_\_

Day 4- Fill the blank

b. Fill the missing tens



a) 15 is between \_\_\_\_\_ and \_\_\_\_\_

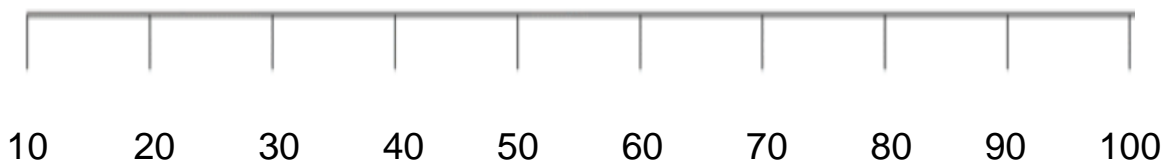
b) 43 is between \_\_\_\_\_ and \_\_\_\_\_

c) 25 is between \_\_\_\_\_ and \_\_\_\_\_

d) 37 is between \_\_\_\_\_ and \_\_\_\_\_

e) 85 is between \_\_\_\_\_ and \_\_\_\_\_

c. Round up to the nearest ten



a) 11 rounded to the nearest ten is \_\_\_\_\_

b) 28 rounded to the nearest ten is \_\_\_\_\_

c) 55 rounded to the nearest ten is \_\_\_\_\_

d) 74 rounded to the nearest ten is \_\_\_\_\_

## WEEK 4.

### Day 1- Simple Addition

a)  $24 + 3 = \underline{\hspace{2cm}}$

$62 + 6 = \underline{\hspace{2cm}}$

$22 + 4 = \underline{\hspace{2cm}}$

$65 + 3 = \underline{\hspace{2cm}}$

$31 + 5 = \underline{\hspace{2cm}}$

b)

$$\begin{array}{r} 34 \\ +42 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} 56 \\ +41 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} 53 \\ +35 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} 85 \\ +13 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

### Day 2- Addition with regrouping

$$\begin{array}{r} \square \\ 21 \\ +9 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} \square \\ 35 \\ +7 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} \square \\ 46 \\ +8 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

$$\begin{array}{r} \square \\ 74 \\ +7 \\ \hline \end{array}$$

|  |  |
|--|--|
|  |  |
|--|--|

### Day 3 - Simple Subtraction

$37 - 3 = \underline{\hspace{2cm}}$

$66 - 4 = \underline{\hspace{2cm}}$

$53 - 2 = \underline{\hspace{2cm}}$

$85 - 4 = \underline{\hspace{2cm}}$

$99 - 7 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 85 \\ - \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 30 \\ \hline \end{array}$$

Day 4- Subtraction with regrouping

$$\begin{array}{r} \square \square \\ 2 \quad 1 \\ - \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \\ 4 \quad 0 \\ - \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \\ 6 \quad 2 \\ - \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \\ 3 \quad 3 \\ - 1 \quad 7 \\ \hline \end{array}$$

**WEEK 5.**

Day 1- Number Sentence

| Number Sentence        | ♥ stands for | color                         |
|------------------------|--------------|-------------------------------|
| $11 + \heartsuit = 14$ |              | Hearts = Red                  |
| $8 + \heartsuit = 9$   |              | Bear = Light Brown            |
| $9 - \heartsuit = 0$   |              | Flower = Yellow               |
| $12 - \heartsuit = 6$  |              | Box of chocolates = any color |



## WEEK 6.

### Day 1- Multiply by 2

$2 \times 1 = \underline{\quad}$

$2 \times 7 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$2 \times 4 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$2 \times 11 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$2 \times 12 = \underline{\quad}$

### Day 2- Multiply by 3

$3 \times 1 = \underline{\quad}$

$3 \times 7 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$3 \times 9 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

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

$3 \times 6 = \underline{\quad}$

$3 \times 12 = \underline{\quad}$

### Day 3 - Multiply by 4

$4 \times 1 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$4 \times 8 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$4 \times 4 = \underline{\quad}$

$4 \times 10 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$4 \times 11 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$4 \times 12 = \underline{\quad}$

Day 4- Multiply by 5

$5 \times 1 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$5 \times 11 = \underline{\quad}$

$5 \times 12 = \underline{\quad}$

**WEEK 7.**

Day 1- Divide by 2

$4 \div 2 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$20 \div 2 = \underline{\quad}$

CHECK

$2 \times \underline{\quad} = 4$

$2 \times \underline{\quad} = 16$

$2 \times \underline{\quad} = 20$

Day 2- Divide by 3

$21 \div 3 = \underline{\quad}$

$24 \div 3 = \underline{\quad}$

$27 \div 3 = \underline{\quad}$

CHECK

$3 \times \underline{\quad} = 21$

$3 \times \underline{\quad} = 24$

$3 \times \underline{\quad} = 27$

Day 3 - Divide by 4

$8 \div 4 = \underline{\quad}$

$40 \div 4 = \underline{\quad}$

$44 \div 4 = \underline{\quad}$

CHECK

$4 \times \underline{\quad} = 8$

$4 \times \underline{\quad} = 40$

$4 \times \underline{\quad} = 44$



Day 4- Divide by 5

$35 \div 5 = \underline{\hspace{2cm}}$

$50 \div 5 = \underline{\hspace{2cm}}$

$55 \div 5 = \underline{\hspace{2cm}}$

CHECK

$5 \times \underline{\hspace{2cm}} = 35$

$5 \times \underline{\hspace{2cm}} = 50$

$5 \times \underline{\hspace{2cm}} = 55$

**WEEK 8.**

Day 1- Match the coin with the correct value (Write the letter in the blank space).

         10 ¢

         5¢

         01 ¢

         25 ¢



Day 2- How much money! Count the money and write the amount. Do not forget the money symbols (\$ or ¢).



Day 3 - Simple adding and subtracting money



b.



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

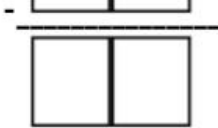
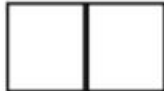
### Day 4- Subtracting money (Regrouping)

a.



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

Check



### Day 5 -Time

a.



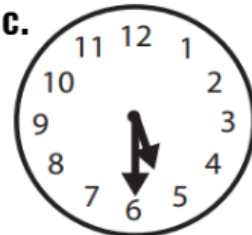
\_\_\_\_\_

b.



\_\_\_\_\_

c.



\_\_\_\_\_



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