

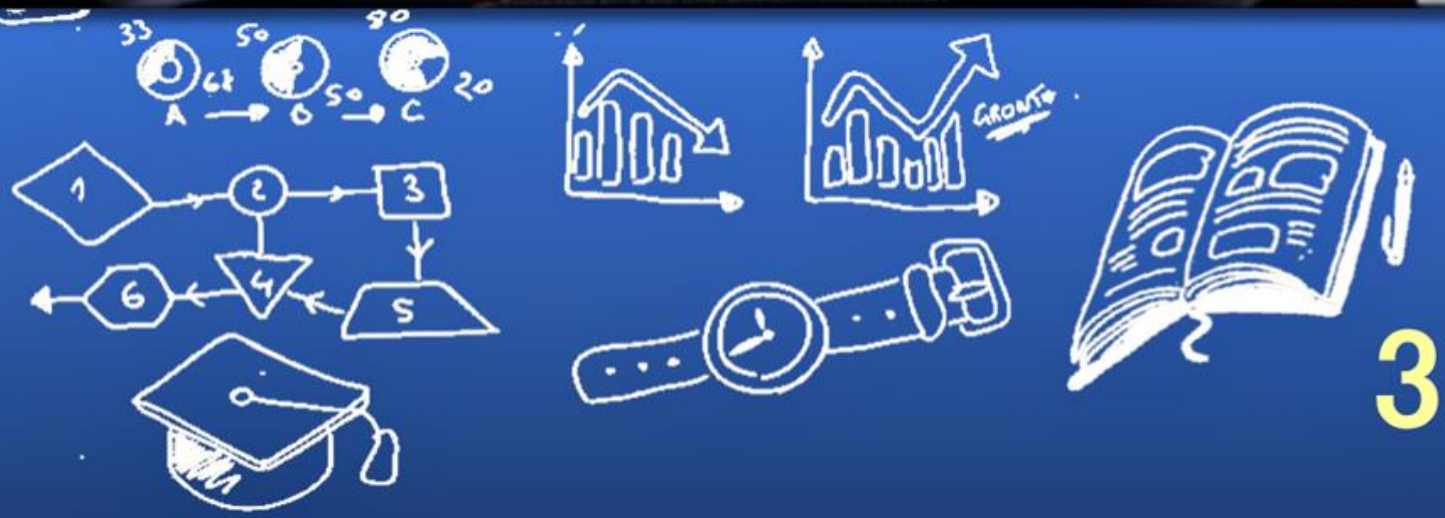


A STEM SCHOOL
FROEBEL BILINGUAL SCHOOL
HOME OF THE SPACE GENERATION

MATH SKILLS SHARPENERS



MATH SUMMER WORKBOOK



A STEM School

FROEBEL
BILINGUAL SCHOOL
Home of the Space Generation




2024 SUMMER MATH SKILLS SHARPENER Going to Third Grade

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

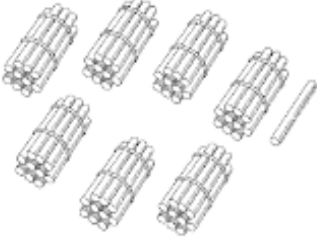
SKILLS SHARPENER FOR STUDENTS GOING TO THIRD SCHOOL GRADE MATH


WEEK 1.

Day 1. How many are there?

1. 
10 10 10
Tens ____ Ones ____

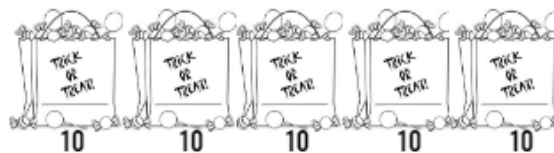
2. 
Tens ____ Ones ____

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?



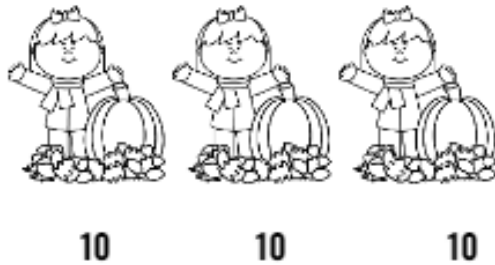
Raya has _____ pieces of candy

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



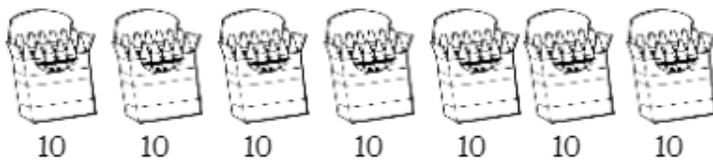
Luca has _____ coins.

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

1. _____

11. _____

2. _____

12. _____

3. _____

13. _____

4. _____

14. _____

5. _____

15. _____

6. _____

16. _____

7. _____

17. _____

8. _____

18. _____

9. _____

19. _____

10. _____

20. _____

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: _____

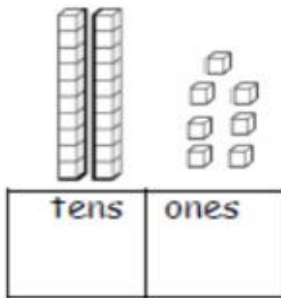
Actual count: _____



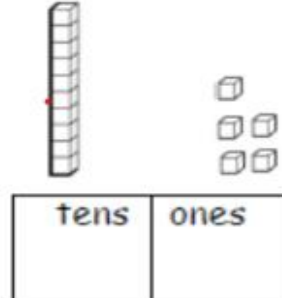
WEEK 2.

Day 1. Place value - Tens and ones

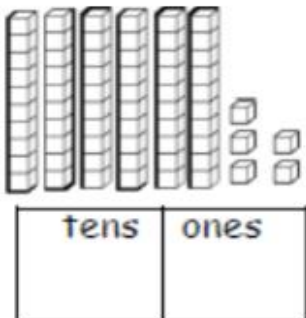
1.



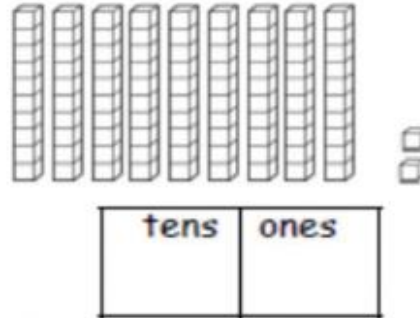
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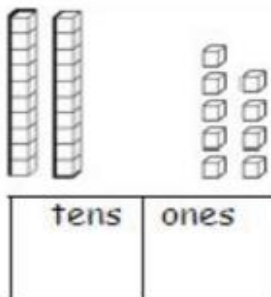
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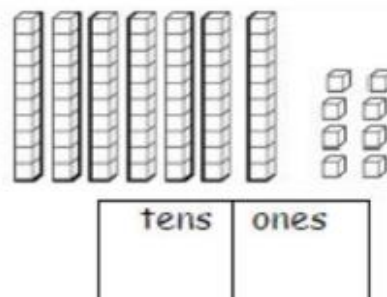
5.



3.

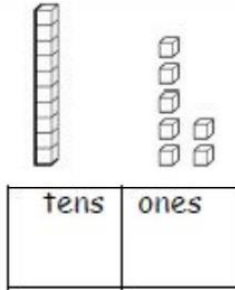


6.



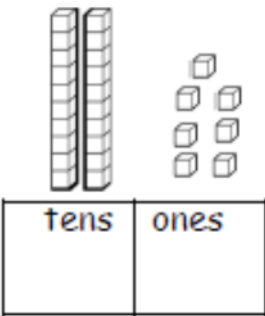
Day 2. Fill the blanks below

1.



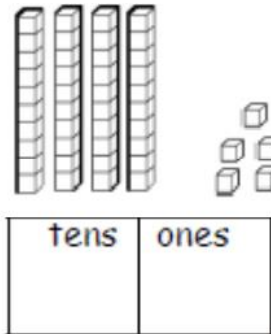
- a) In the number _____
 b) The digit _____ is in the ones place. It has a value of _____
 c) The digit _____ is in the tens place. It has a value of _____

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

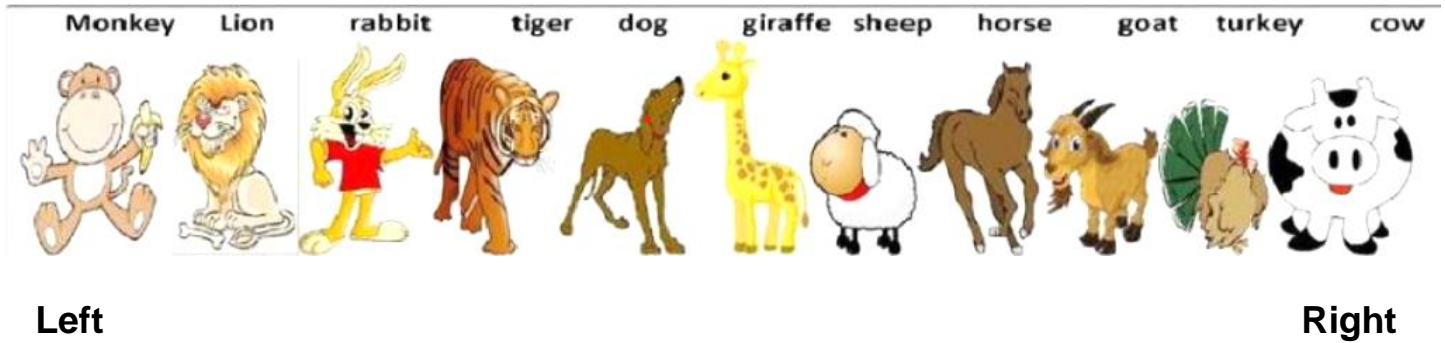
i. second

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

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

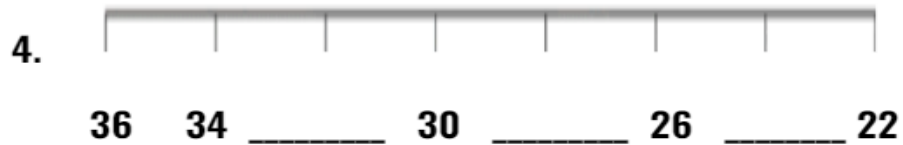
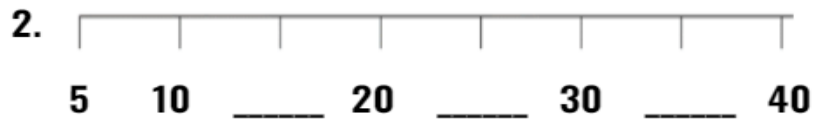
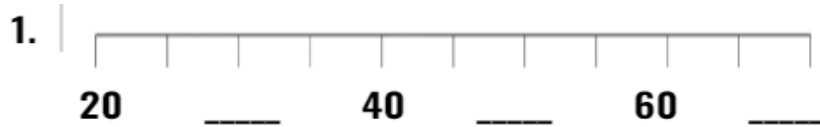
_____ 10 more than 89

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 _____

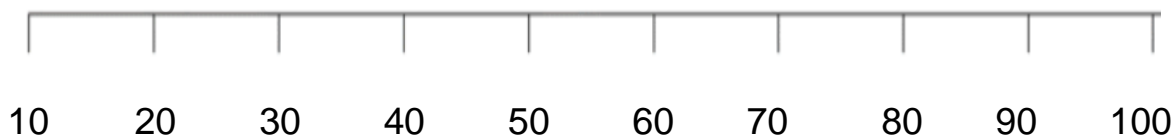
93 _____

50 _____

87 _____

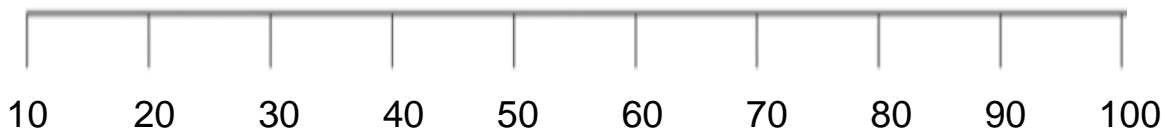
Day 4- Fill the blank

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)
- $24 + 3 =$ _____
- $62 + 6 =$ _____
- $22 + 4 =$ _____
- $65 + 3 =$ _____
- $31 + 5 =$ _____

b)

$\begin{array}{r} 34 \\ +42 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 5px auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-left: 1px solid black; border-right: 1px solid black; width: 50%; height: 100%;"></div> </div>	$\begin{array}{r} 56 \\ +41 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 5px auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-left: 1px solid black; border-right: 1px solid black; width: 50%; height: 100%;"></div> </div>	$\begin{array}{r} 53 \\ +35 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 5px auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-left: 1px solid black; border-right: 1px solid black; width: 50%; height: 100%;"></div> </div>	$\begin{array}{r} 85 \\ +13 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 5px auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-left: 1px solid black; border-right: 1px solid black; width: 50%; height: 100%;"></div> </div>
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Day 2- Addition with regrouping

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

--	--

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

--	--

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

--	--

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

--	--

Day 3 - Simple Subtraction

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

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

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

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

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

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

--	--

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

--	--

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

--	--

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

--	--

Day 4- Subtraction with regrouping

$$\begin{array}{r} \square \square \\ 21 \\ - \underline{\quad 9} \end{array}$$

--	--

$$\begin{array}{r} \square \square \\ 40 \\ - \underline{\quad 8} \end{array}$$

--	--

--	--

6 2

- 8

--	--

--	--

3 3

- 1 7

--	--

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

$3 \times 1 = \underline{\hspace{2cm}}$

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

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

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

$3 \times 5 = \underline{\hspace{2cm}}$

$3 \times 6 = \underline{\hspace{2cm}}$

$3 \times 7 = \underline{\hspace{2cm}}$

$3 \times 8 = \underline{\hspace{2cm}}$

$3 \times 9 = \underline{\hspace{2cm}}$

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

$3 \times 11 = \underline{\hspace{2cm}}$

$3 \times 12 = \underline{\hspace{2cm}}$

Day 3 - Multiply by 4

$4 \times 1 = \underline{\hspace{2cm}}$

$4 \times 2 = \underline{\hspace{2cm}}$

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

$4 \times 4 = \underline{\hspace{2cm}}$

$4 \times 5 = \underline{\hspace{2cm}}$

$4 \times 6 = \underline{\hspace{2cm}}$

$4 \times 7 = \underline{\hspace{2cm}}$

$4 \times 8 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$4 \times 11 = \underline{\hspace{2cm}}$

$4 \times 12 = \underline{\hspace{2cm}}$

Day 4- Multiply by 5

$5 \times 1 = \underline{\hspace{2cm}}$

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

$5 \times 3 = \underline{\hspace{2cm}}$

$5 \times 4 = \underline{\hspace{2cm}}$

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

$5 \times 6 = \underline{\hspace{2cm}}$

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

$5 \times 8 = \underline{\hspace{2cm}}$

$5 \times 9 = \underline{\hspace{2cm}}$

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

$5 \times 11 = \underline{\hspace{2cm}}$

$5 \times 12 = \underline{\hspace{2cm}}$

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

$35 \div 5 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$55 \div 5 = \underline{\quad}$

CHECK

$5 \times \underline{\quad} = 35$

$5 \times \underline{\quad} = 50$

$5 \times \underline{\quad} = 55$

WEEK 8.

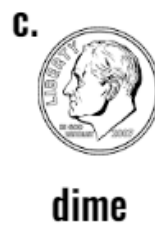
Day 1- Match the coin with the correct value (Write the letter in the blank space)

_____ 10 ¢

_____ 5¢

_____ 01 ¢

_____ 25 ¢



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



Day 3 - Simple adding and subtracting money



b.



_____ - _____ = _____

Day 4- Subtracting money (Regrouping)

a.



_____ - _____ = _____

Check

Day 5 - Time

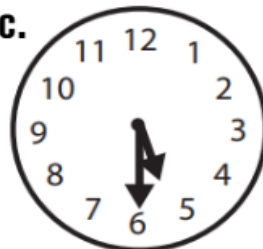
a.



b.



c.





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