

101 YF + 8  
= 007 + 105

a stem school

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110. 12. 41 110 070  
+ 11. 07. 110. 27. 110. 41

- 1. 10. 12. 17  
K. N. + 17

# math skills sharpeners

2025 summer math workbook

A STEM School



Home of the Space Generation


# **2025 summer math skills sharpener *going to third grade***

student's name	date
teacher coming from	score
teacher going to	
parent's signature	date received

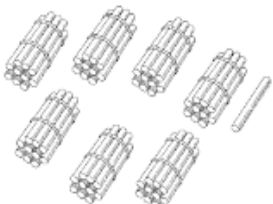
# SKILLS SHARPENER FOR STUDENTS GOING TO THIRD GRADE


## WEEK 1.

Day 1. How many are there?

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

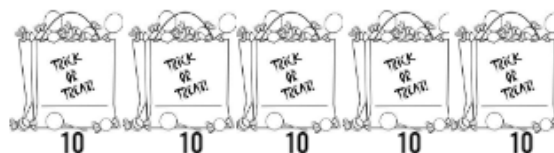
2.   
Tens \_\_\_\_ Ones \_\_\_\_

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?



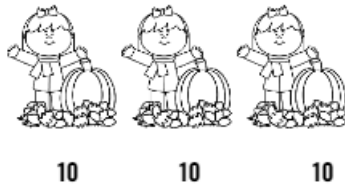
Raya has \_\_\_\_\_ pieces of candy.

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



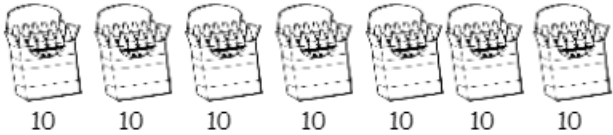
Lukas has \_\_\_\_\_ coins.

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 numbers 1 – 20 in words.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

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: \_\_\_\_\_

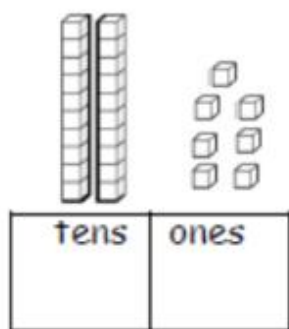
Actual count: \_\_\_\_\_



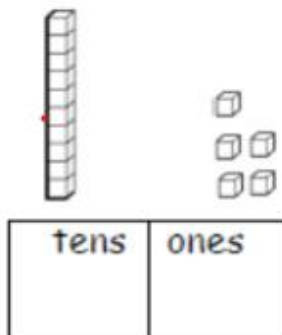
## WEEK 2.

Day 1. Place value - Tens and ones

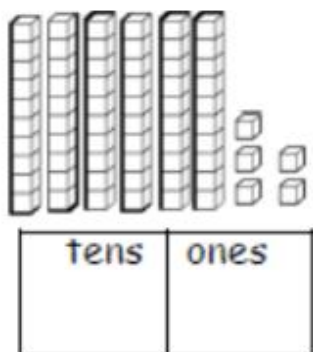
1.



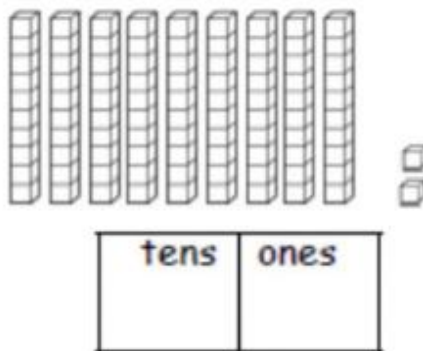
4.



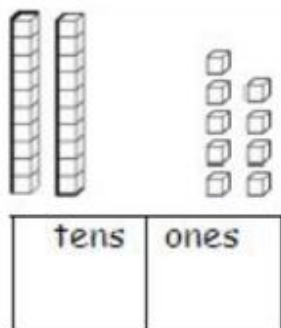
2.



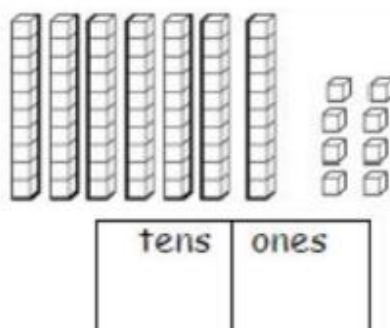
5.



3.

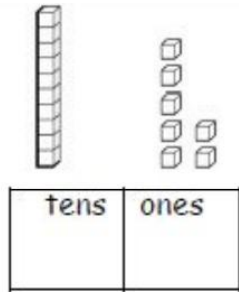


6.



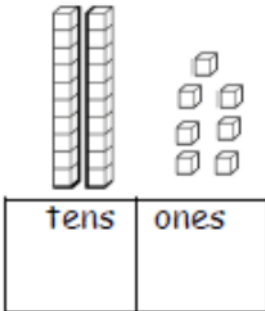
Day 2. Fill the blanks below.

1.



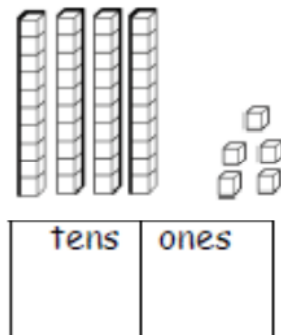
- a) In the number \_\_\_\_\_
- b) The digit \_\_\_\_\_ is in the ones place. It has a value of \_\_\_\_\_.
- c) The digit \_\_\_\_\_ is in the tens place. It has a value of \_\_\_\_\_.

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

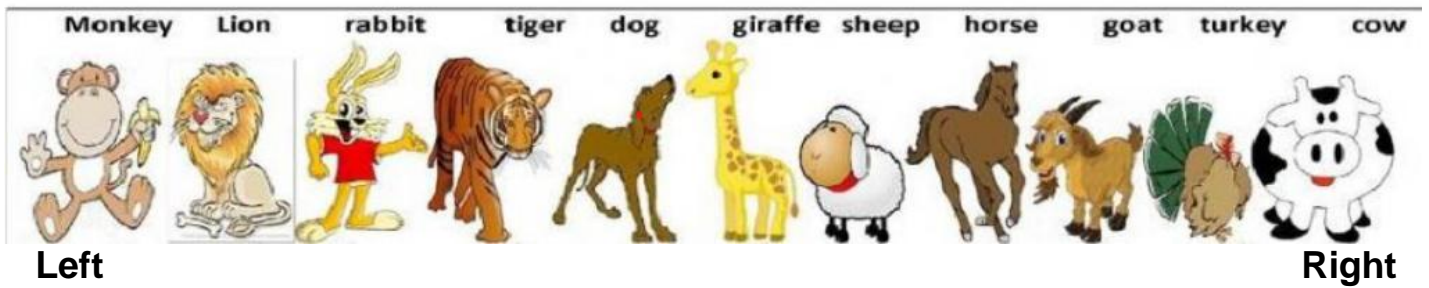
j. fifth

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.

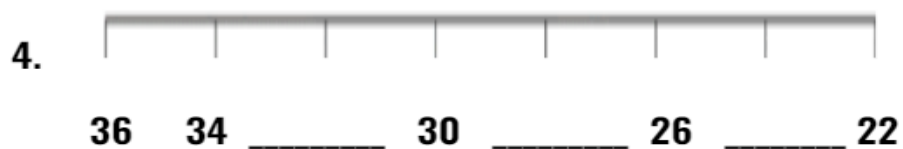
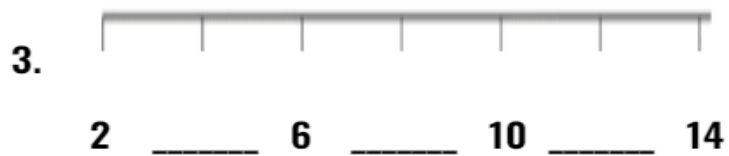
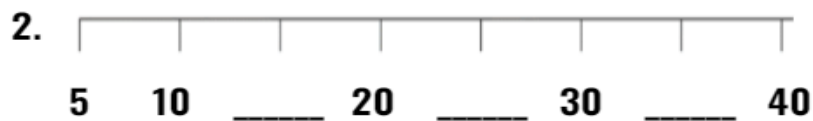
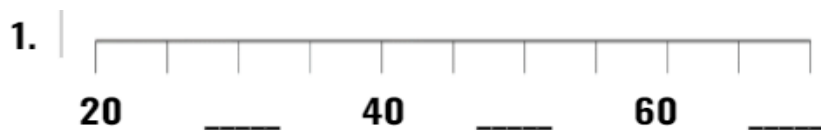
a. 46, 41, 54 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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 \_\_\_\_\_

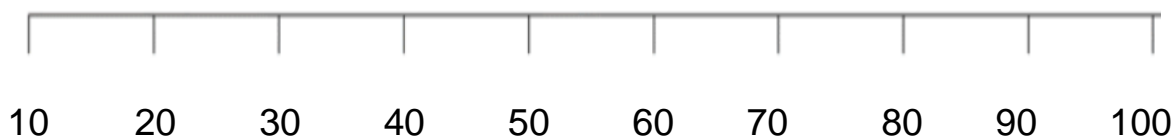
93 \_\_\_\_\_

50 \_\_\_\_\_

87 \_\_\_\_\_

### Day 4- Fill the blank

b. Fill the missing tens.



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

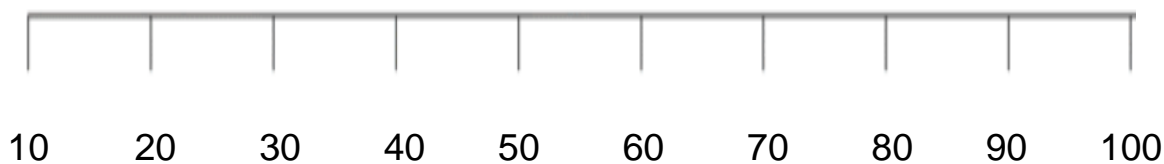
b) 43 is between \_\_\_\_\_ and \_\_\_\_\_

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

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

--	--

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

--	--

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

--	--

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

--	--

### Day 3 - Simple Subtraction

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

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

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

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

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

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

--	--

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

--	--

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

--	--

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

--	--

## Day 4- Subtraction with regrouping

--	--

$$\begin{array}{r} 21 \\ - 9 \\ \hline \end{array}$$

--	--

--	--

$$\begin{array}{r} 40 \\ - 8 \\ \hline \end{array}$$

--	--

--	--

$$\begin{array}{r} 62 \\ - 8 \\ \hline \end{array}$$

--	--

--	--

$$\begin{array}{r} 33 \\ - 17 \\ \hline \end{array}$$

--	--

## 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

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

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

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

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

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

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

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

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

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

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

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

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

### Day 2- Multiply by 3

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

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

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

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

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

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

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

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

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

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

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

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

### Day 3 - Multiply by 4

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

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

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

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

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

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

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

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

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

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

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

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

## Day 4- Multiply by 5

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

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

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

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

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

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

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

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

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

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

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

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

## WEEK 7.

### Day 1- Divide by 2

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

$16 \div 2 = \underline{\hspace{2cm}}$

$20 \div 2 = \underline{\hspace{2cm}}$

#### CHECK

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

$2 \times \underline{\hspace{2cm}} = 16$

$2 \times \underline{\hspace{2cm}} = 20$

### Day 2- Divide by 3

$21 \div 3 = \underline{\hspace{2cm}}$

$24 \div 3 = \underline{\hspace{2cm}}$

$27 \div 3 = \underline{\hspace{2cm}}$

#### CHECK

$3 \times \underline{\hspace{2cm}} = 21$

$3 \times \underline{\hspace{2cm}} = 24$

$3 \times \underline{\hspace{2cm}} = 27$

### Day 3 - Divide by 4

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

$40 \div 4 = \underline{\hspace{2cm}}$

$44 \div 4 = \underline{\hspace{2cm}}$

#### CHECK

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

$4 \times \underline{\hspace{2cm}} = 40$

$4 \times \underline{\hspace{2cm}} = 44$



## 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.

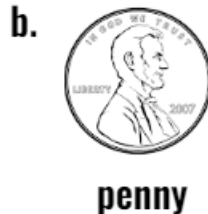
Day 1- Match the coin with the correct value (Write the letter in the blank space).

\_\_\_\_\_ 10 ¢

\_\_\_\_\_ 5¢

\_\_\_\_\_ 01 ¢

\_\_\_\_\_ 25 ¢



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



Day 3 - Simple adding and subtracting money

a.



\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

b.



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

Day 4 - Subtracting money (Regrouping)

a.



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

Check

<input type="text"/>	<input type="text"/>	<input type="text"/>
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## Day 5 - Time

**a.**



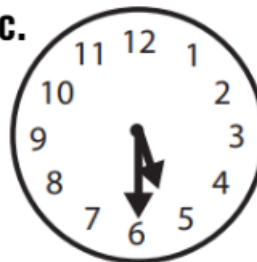
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**b.**



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**c.**



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