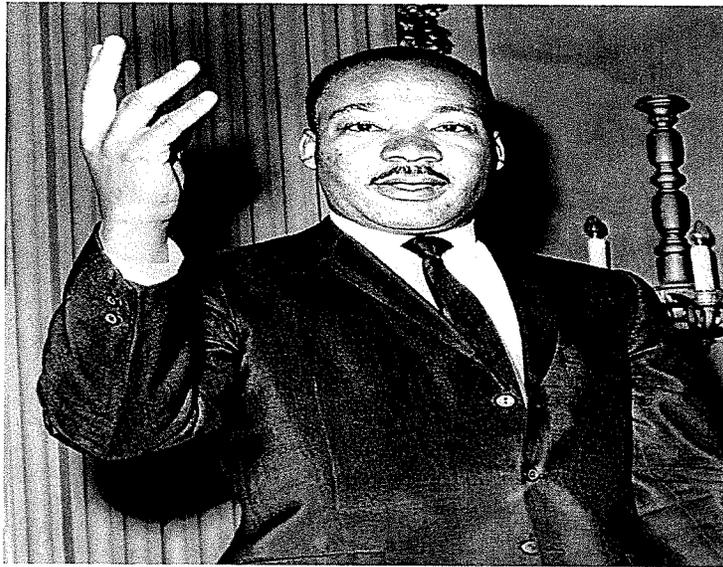# 5th Grade Math

Week of January 19 – January 22, 2021

Name _____

* Please do not complete until advised by teacher*

January 19, 2021

Ms. Eggink baked 300 muffins over the weekend to sell at a school bake sale. She packaged them in bags of 10. She plans on selling them for $5 per bag. How much money will she raise? (Think: What do you have to find first before figuring out how much money she will raise?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Another Look!

Kim bought granola bars for the soccer team. Each granola bar cost $0.89. She paid $38.13, including $0.75 for sales tax. How many granola bars did she buy?

Tell how you can use reasoning to solve the problem.

- I can write an equation to show relationships.

- I can give the answer using the correct unit.

Write an equation to find the total cost of the granola bars before tax.

$38.13 - $0.75 = $37.38

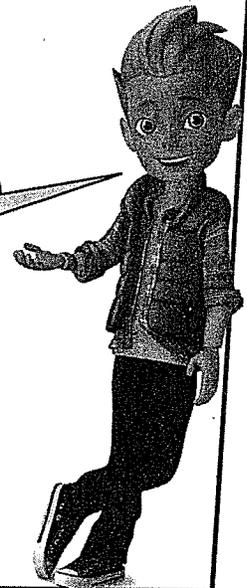Divide to find the number of granola bars.

$37.38 ÷ $0.89

$0.89 × ? = $37.38

89 cents × ? = 3,738 cents

? = 42

So, Kim bought 42 granola bars for the soccer team.

You can use reasoning to determine how the quantities are related.

Reasoning

Over the summer, Mr. Patel refilled a bird feeder 24 times using 6 cups of seed each time. A bag of seed holds 32 cups. How many bags of seed did Mr. Patel use?

1. Describe one way to solve the problem.

You can use equations or diagrams when solving a problem using reasoning.

2. Write an equation or draw bar diagrams to represent the problem.

3. What is the solution to the problem? Explain.

NWEA

Please use the following pages as scrap paper for your tests

January 20/21, 2021

The school store ordered 450 mini erasers. The erasers will packed in bags with 5 erasers in each bag. The store will sell them for $2 per bag. How much money will the store earn?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

January 22, 2021

A bottle plant has to distribute 600 bottles of soda. They are being packaged in boxes with 6 bottles per box.
The boxes will be sold for $4.99 each. What is the total amount of money that will be collected?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Enrichment

Name:_____ Date:_____

Check Out That Place Value!

Directions: Complete each inequality using >, <, or =. Then, explain how you compared the numbers on the lines below.

1 0.67 ( ) 0.49

_____

_____

_____

2 0.159 ( ) 0.162

_____

_____

_____

3 0.78 ( ) 0.786

_____

_____

_____

Compare These!

Directions: Highlight the greater decimal. Then, write an inequality using the decimals and >, <, or =.

1

ones		tenths	hundredths	thousandths
0	•	6	7	
0	•	8	1	

_____

2

ones		tenths	hundredths	thousandths
0	•	3	4	3
0	•	3	4	9

_____

3

ones		tenths	hundredths	thousandths
0	•	2	4	
0	•	2	3	6

_____

✎ **Explain how you know which number is greater.**

_____

_____

_____

Name: _____ Date: _____

Quick ✔ Check

Directions: Choose *True* or *False* for each inequality.

❶ 0.34 < 0.43

(True)　(**False**)

❷ 0.358 > 0.467

(True)　(**False**)

❸ 0.812 = 0.812

(True)　(**False**)

❹ 0.93 < 0.924

(True)　(**False**)

Directions: Solve the problem below.

❺ Thomas is comparing the height of his two dogs. Lewis is 0.345 meters high. Clark is 0.316 meters high. Which dog is taller? Explain how you know.

_____

_____

_____

Refocus

Directions: Follow the steps to compare the decimals.

---

1 0.3 and 0.1

Step 1: Model the decimals with your base ten blocks.

Step 2: Complete the inequality using >, <, or =.

0.3 ◯ 0.1

✎ **Explain how you know which number is greater.**

_____

_____

---

2 0.61 and 0.62

Step 1: Model the decimals with your base ten blocks.

Step 2: Complete the inequality using >, <, or =.

0.61 ◯ 0.62

✎ **Explain how you know which number is greater.**

_____

_____

---

3 0.4 and 0.43

Step 1: Model the decimals with your base ten blocks.

Step 2: Complete the inequality using >, <, or =.

0.4 ◯ 0.43

✎ **Explain how you know which number is greater.**

_____

_____

Name:_____ Date:_____

Independent Practice

Directions: Complete the inequality using >, <, or =.

1   0.3 ◯ 0.7

2   0.48 ◯ 0.42

3   0.561 ◯ 0.416

4   0.943 ◯ 0.933

5   0.518 ◯ 0.519

6   0.61 ◯ 0.612