

Dear Parents,



Can you believe it is already time for summer vacation? This has been a fantastic year! We have learned so much and had such a great time together. To ensure that students retain the concepts they have learned this year, we are asking each student to complete the summer packet attached.

There are 4 weeks of a Daily Math Practice. Your child can complete these in any order and as many at a time as they wish. There might be some activities that even challenge your child and that is okay if they ask for help. Please encourage your child to work on this packet and make sure that it is completed over the summer and ready to be brought back to school at the beginning of the year. These daily practices will help them tremendously as they prepare for next school year. At the beginning of the year, we will go over the packet and the children will receive points for having it completed.

Also attached is the paper that needs to be completed for your Summer Reading. 5th graders are required to read *one Jerry Spinelli book* and *one Andrew Clements book* of their choice. The book report paper will be done as part of the 1st quarter reading grade. It is the students' choice what side of the paper they would like to use for each book. This book report paper also needs to be returned at the beginning of the school year.

I hope you have a fantastic summer!

Mrs. Tracy





Name _____

Story Elements Problem - Solution



The title of the book is _____

by _____. The illustrator is _____.

The setting of the story is _____

The main characters in the book are _____

The problem in the story is _____

The problem was solved when _____

Does this story remind you of information or experiences that you had in the past? What connections did you make?

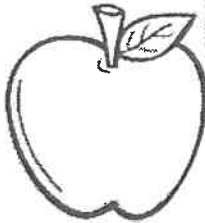
Story Elements

The title of the book is _____

by _____. The illustrator is _____

The setting of the story is _____

Plot



Beginning



Middle



End

Did this story remind you of information or experiences that you had in the past? What connections did you make?

OPERATIONS & ALGEBRAIC THINKING • #1

MONDAY

5.0A.A.1

Evaluate each numeric expression.

1. $(2 \times 5) + (3 \times 2) + 4$

3. $14 + (8 - 5) - (6 + 1)$

2. $10 - (3 \times 2) + (9 - 5)$

4. $17 + (3 - 1) - (3 + 8)$

TUESDAY

5.0A.B.3

A girl buys 8 gumdrops for each of her friends and 6 for herself. She also buys 4 mints for each friend and 2 for herself.

Complete the tables to show how the total number of gumdrops (g) and mints (m) changes as the number of friends (f) increases by 1.



Function: $g = 8f + 6$

f	g
7	
8	70
9	
10	

Function: $m = 4f + 2$

f	m
7	
8	
9	38
10	

What happens when the number of friends increases by 1? _____

WEDNESDAY

5.0A.A.2

Write numeric expressions for the following sentences, and then solve.

1. Subtract 7 from 8, and then multiply by 2.

2. Add 4 and 9, and then multiply by 5.

OPERATIONS & ALGEBRAIC THINKING • #1

THURSDAY

5.0A.A.1

Evaluate the expression.

$$3 \times 5 + 2 \times 10 + 4 = \underline{\hspace{2cm}}$$

Add parentheses and brackets to different parts of the expression. What values do you get?

$$3 \times 5 + 2 \times 10 + 4 = \underline{\hspace{2cm}}$$

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FRIDAY

5.0A.A.2

Ed bought 20 bags of gummy worms at the candy store. His friend Gaspar bought 15 bags of gummy worms. Each bag had 40 gummy worms. Write an expression that, when solved, will show how many gummy worms they bought altogether.



Answer: _____

Explain: _____

NUMBER & OPERATIONS – FRACTIONS • #1**MONDAY****5.NF.A.1**

1. $\frac{2}{5} + \frac{7}{6} =$ _____

3. $5\frac{3}{8} - \frac{3}{4} =$ _____

2. $3\frac{1}{3} + 4\frac{1}{4} =$ _____

4. $\frac{8}{9} - \frac{3}{5} =$ _____

TUESDAY**5.NF.B.4a**

1. Kylie jogs
- $\frac{7}{8}$
- of a mile every day after school. How far does she jog in 5 days?
-
- _____

- 2.
- $\frac{2}{3}$
- of the 90 students in the band are boys.
- $\frac{3}{5}$
- of the boys are wearing red shirts at band practice today. How many boys are wearing red shirts?
-
- _____

WEDNESDAY**5.NF.B.5a**How does the product of 555×20 compare to the product of 555×10 ? How do you know?

Answer: _____

Explain: _____

THURSDAY

5.NF.B.3

Write the equation for each problem.

1. 4 friends want to share 10 boxes of cookies equally. How many boxes of cookies should each friend get?

Equation: _____

Answer: _____

2. Mark has to split a 50-pound bag of dog food between his 7 dogs. How many pounds of food should each dog get?

Equation: _____

Answer: _____

3. Mrs. Jenkins gives 10 cookies to her 6 sons. If they share the cookies equally, how many cookies should each son get?

Equation: _____

Answer: _____

FRIDAY

5.NF.A.2

Whitney is planning to bake two types of brownies. One type needs $\frac{5}{8}$ cup of sugar. The other needs $\frac{2}{3}$ cup of sugar. How much sugar in total does Whitney need to bake all the brownies?



Answer: _____

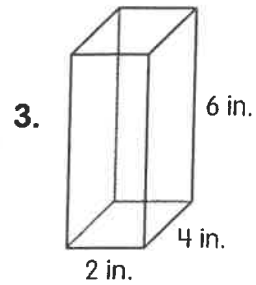
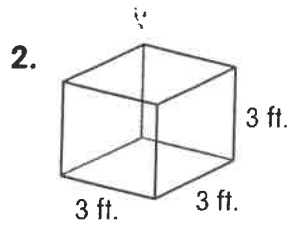
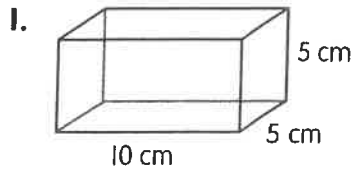
Explain: _____

MEASUREMENT & DATA • #1

MONDAY

5.MD.C.5b

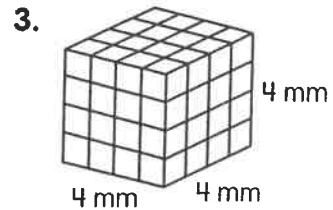
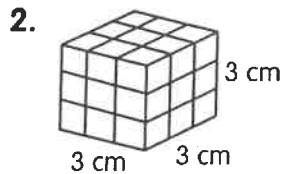
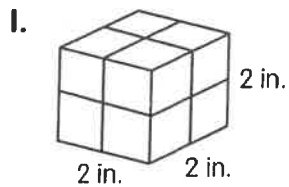
Find the volume.



TUESDAY

5.MD.C.4

Determine how many unit cubes are inside each figure to find its volume.



WEDNESDAY

5.MD.A.1

Convert the measurements.

- 5 milliliters = _____ liter
- 25 centimeters = _____ meter
- 6 inches = _____ foot
- 3 meters = _____ kilometer
- 600 seconds = _____ minutes
- 45 feet = _____ yards

MEASUREMENT & DATA • #1

THURSDAY

5.MD.B.2

5 students each measured an object in their class and came up with the following:

$\frac{1}{8}$ inch, $\frac{1}{4}$ inch, $\frac{1}{2}$ inch, $\frac{1}{2}$ inch, 1 inch

1. Plot the measurements on a line plot and title the line plot.



2. If all the objects were put together end-to-end, what would be the total length of all the objects?

FRIDAY

5.MD.A.1

A dog is 11,500 grams, and a cat is 4,000 grams. In kilograms, how much greater is the mass of the dog?



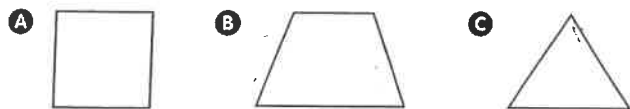
Answer: _____

Explain: _____

MONDAY

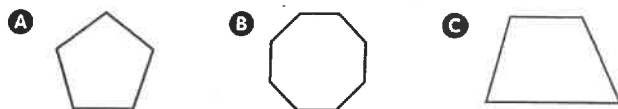
5.G.B.3

1. Which shape is a parallelogram?



Explain why: _____

2. Which shape is a trapezoid?



Explain why: _____

TUESDAY

5.G.B.4

1. List all the names this quadrilateral can be called.



2. List all the names this quadrilateral can be called.



WEDNESDAY

5.G.B.3

1. All rectangles have four right angles, so squares are rectangles. True or false? Explain why.

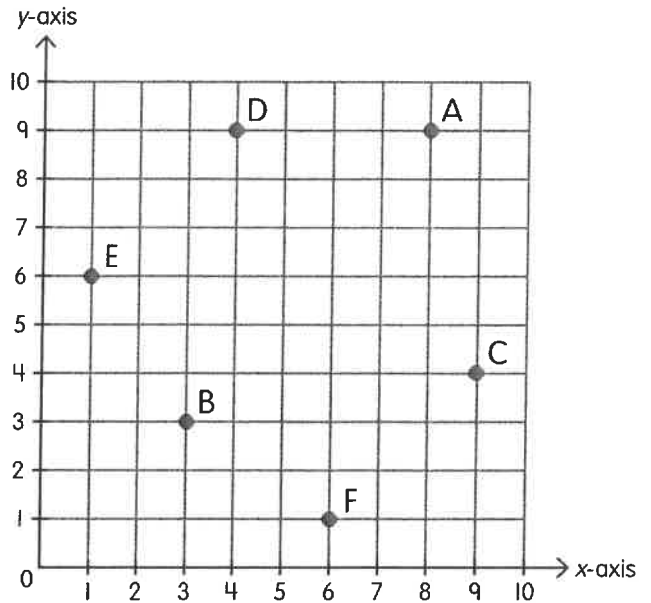
2. A trapezoid has two sides that are parallel, so it is a parallelogram. True or false? Explain why.

THURSDAY

5.G.A.1

Use the graph to answer the questions.

- Which letter is at (3, 3)? _____
- Which letter is at (8, 9)? _____
- What are the coordinates for C? _____
- What are the coordinates for D? _____
- Which letter is at (1, 6)? _____
- What are the coordinates for F? _____



FRIDAY

5.G.A.2

- Mrs. Sanders sells cupcakes at the park for \$2 each. She sells a different number of cupcakes each weekday. Complete the table and plot the ordered pairs on the graph.

Cupcakes Sold	\$ Total
1	
2	4
3	
4	
5	

- How many cupcakes would Mrs. Sanders need to sell in one day to make \$14.00?

