

Dear Parents,



Can you believe it is already time for summer vacation? This has been a fantastic year! They 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. 4th graders are required to read *How to Eat Fried Worms by Thomas Rockwell* and one Beverly Cleary 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 _____

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

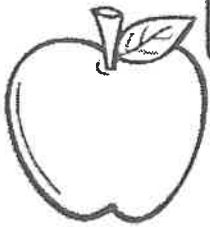
Story Elements

The title of the book is _____

by _____. The illustrator is _____

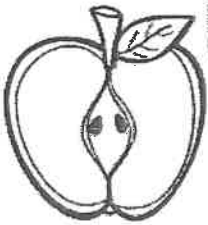
The setting of the story is _____

Plot



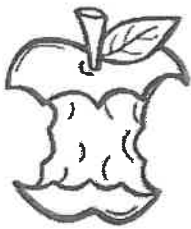
Beginning

Blank writing area for the beginning of the plot.



Middle

Blank writing area for the middle of the plot.



End

Blank writing area for the end of the plot.

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

Four horizontal lines for writing the answer to the reflection question.

OPERATIONS & ALGEBRAIC THINKING • #2

MONDAY

4.0A.B.4

Is the second number a multiple of the first number? Write **yes** or **no**.

If yes, write an equation to show how you get a number.

- | | | | |
|----------|------------------------------|----------|-------|
| 1. 7, 35 | _____ yes, $7 \times 5 = 35$ | 5. 3, 39 | _____ |
| 2. 8, 18 | _____ | 6. 9, 80 | _____ |
| 3. 5, 60 | _____ | 7. 2, 60 | _____ |
| 4. 4, 26 | _____ | 8. 6, 76 | _____ |

TUESDAY

4.0A.A.1

Write each sentence below as an equation.

- | | |
|--|-----------------------------------|
| 1. 64 is 4 times as many as 16. _____ | 3. 15 groups of 3 is 45. _____ |
| 2. 15 is 3 times as many as 5. _____ | 4. 12 groups of 8 is 96. _____ |

WEDNESDAY

4.0A.A.2

It takes Cherish 48 minutes to walk from her house to the park. It takes Mandy 8 minutes. How many times longer does it take Cherish to get there? Write an equation with c representing the unknown value.

Equation: _____

Answer: _____

THURSDAY

4.OA.C.5

Given a starting number and a rule, continue the pattern.

A Start at 1; add 4. 1, 5, 9, _____, _____, _____, _____

B Start at 2; add 8. _____, _____, _____, _____, _____

C Start at 45; subtract 3. _____, _____, _____, _____, _____

D Start at 1; multiply by 4. _____, _____, _____, _____, _____

E Start at 60; subtract 5. _____, _____, _____, _____, _____

F Start at 320; divide by 2. _____, _____, _____, _____, _____

FRIDAY

4.OA.A.3

Jared wants to buy a new video game system that costs \$330. He has already saved \$120, but he needs a plan to save the rest of the money. He decides to save the same amount of money, x , each month for the next 6 months.



A Write an equation with x representing how much Jared needs to save each month.

B Solve the problem and explain how you arrived at your answer.

MONDAY

4.NBT.A.1

How many times greater is the first underlined digit in each number than the second underlined digit?

1. 5,929 _____ 4. 1,231 _____

2. 8,832 _____ 5. 6,126 _____

3. 7,071 _____ 6. 3,372 _____

TUESDAY

4.NBT.A.2

Write the numbers in expanded notation.

1. 734 = _____

2. 668 = _____

3. 3,125 = _____

4. 22,807 = _____

WEDNESDAY

4.NBT.A.3

Round each number to the nearest thousand.

1. 17,512 _____ 4. 1,121 _____

2. 3,399 _____ 5. 99,910 _____

3. 82,456 _____ 6. 74,124 _____

THURSDAY

4.NBT.B.4

1.
$$\begin{array}{r} 923 \\ - 624 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 7,344 \\ + 4,234 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 10,172 \\ + 7,111 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 716 \\ - 44 \\ \hline \end{array}$$

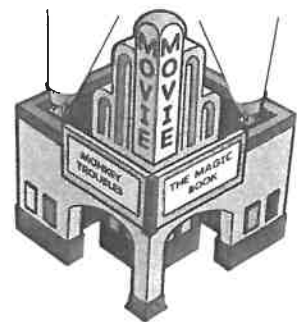
5.
$$\begin{array}{r} 9,251 \\ + 623 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 16,123 \\ - 7,920 \\ \hline \end{array}$$

FRIDAY

4.NBT.B.5

A theater showed the same movie 9 times last week. Each time, all 1,500 seats were filled. How many people saw the movie altogether?



Answer: _____

Explain: _____

MONDAY

4.NF.B.3a

1. $\frac{2}{4} + \frac{1}{4} =$ _____ 2. $\frac{1}{5} + \frac{1}{5} =$ _____ 3. $\frac{2}{12} + \frac{1}{12} =$ _____

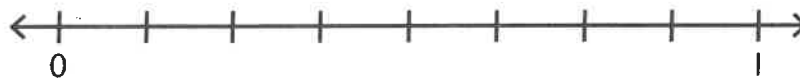
4. $\frac{1}{4} - \frac{1}{4} =$ _____ 5. $\frac{3}{4} - \frac{1}{4} =$ _____ 6. $\frac{7}{10} - \frac{4}{10} =$ _____

TUESDAY

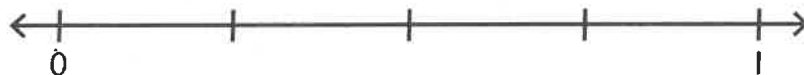
4.NF.A.2

Two pizzas are the same size. The first pizza has $\frac{3}{8}$ left. The second pizza has $\frac{1}{4}$ left. Find and write the fraction on each number line.

First Pizza



Second Pizza



Which pizza has more left? _____

Explain: _____

WEDNESDAY

4.NF.C.5

Add the fractions.

1. $\frac{5}{10} + \frac{40}{100} =$ _____ 2. $\frac{3}{10} + \frac{35}{100} =$ _____ 3. $\frac{4}{10} + \frac{14}{100} =$ _____

4. $\frac{1}{10} + \frac{66}{100} =$ _____ 5. $\frac{8}{10} + \frac{20}{100} =$ _____ 6. $\frac{26}{100} + \frac{2}{10} =$ _____

THURSDAY

4.NF.A.1

Draw a line from each fraction on the left to the equivalent fraction on the right.
Draw a picture for each fraction.

$\frac{3}{12}$

$\frac{3}{4}$

$\frac{8}{10}$

$\frac{2}{3}$

$\frac{4}{6}$

$\frac{1}{4}$

$\frac{6}{8}$

$\frac{4}{5}$

FRIDAY

4.NF.B.3d

Mr. Free's science class measures rain for two months. In the first month, there was $\frac{2}{5}$ of an inch of rain. In the second month, there was $\frac{1}{5}$ of an inch of rain. What was the total amount of rain over the two months? How much would it have to rain in the third month to reach $\frac{4}{5}$ of an inch for all three months?



Answer: _____

Explain: _____

MEASUREMENT & DATA • #1

MONDAY

4.MD.A.2

1. How much cheaper is buying 28 dresses for \$2.00 each than buying 18 dresses for \$4.00 each?



Write the equation: _____

Answer: _____

2. Jon makes \$7 an hour. He made \$735 last month. How many hours did he work?

Write the equation: _____

Answer: _____

TUESDAY

4.MD.A.1

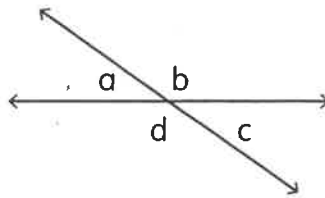
Convert each measurement.

1. 3 kilometers = _____ meters 3. 5 feet = _____ inches
2. 30 meters = _____ centimeters 4. 60 feet = _____ inches

WEDNESDAY

4.MD.C.7

Angle a is 35° .



- A If angle $a + b = 180^\circ$, what does angle b measure? _____
B If angle $b + c = 180^\circ$, what does angle c measure? _____
C If angle $c + d = 180^\circ$, what does angle d measure? _____

MEASUREMENT & DATA • #4

MONDAY

4.MD.A.1

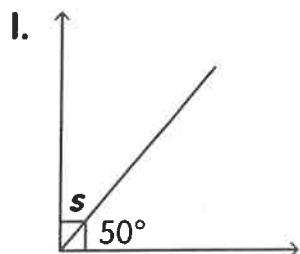
In each set of measurements below, circle the two that are equivalent.

- 4 km 40 m 400 m 4,000 m
- 120 g 1,200 kg 12 kg 12,000 g
- 3 oz. 3 lb. 48 oz. 36 lb.

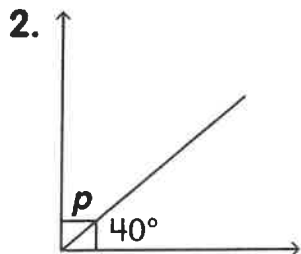
TUESDAY

4.MD.C.7

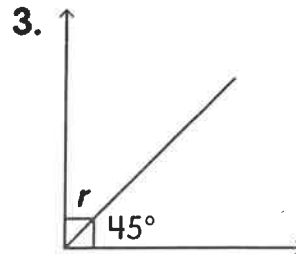
If the two rays are perpendicular, what is the value of the missing angle?



$s =$ _____



$p =$ _____



$r =$ _____

WEDNESDAY

4.MD.C.6

Use a protractor to measure the angles.

