



Dear Fourth Grade Parents,

We are looking forward to an exciting 2022-2023 school year. We are including a list of summer requirements to help prevent a decline in skills obtained in third grade.

### Reading

- You will be required to read one fiction novel from the attached list and complete a project from the project choice board. You will also choose and read one non-fiction book from the attached list and include a hamburger summary. These will be due the first day of school. You will receive a daily grade for both of these book requirements. An AR quiz will be taken for each book the first week of school and given a daily grade. They will also be applied to your first quarter AR goal.
- Read at least 25 minutes a day.

### Math

- **PRIORITY!** Practice Multiplication Facts. Attached are two fact sheets that you will need to make copies of for practice. Time your child on how long it takes to complete the fact sheet. The goal is to improve his/her score each time. Try this at least twice a week. Log the time on the attached graph to show improvement. It is recommended that students answer 40 multiplication facts correctly in a minute.
- Incorporate math in your daily conversations all throughout the summer to keep concepts fresh.
- Complete the two review sheets to turn in the first day of school. Also turn in the graph that tracks multiplication practice and improvement.
- Below is a great website that offers free printable math practice for both 3rd and 4th grade math skills:  
<https://www.k5learning.com/free-math-worksheets>
- Below is a great website that offers lots of games for a variety of math skills for 3rd & 4th grade:  
[https://www.mathplayground.com/grade\\_4\\_games.html](https://www.mathplayground.com/grade_4_games.html)

## Summer Reading Requirements

**Choose one fiction novel and one non-fiction book from the following lists. For your fiction novel, you will complete one project from the fiction project board to be turned in the first day of school.**

- **Fiction Books**

Super Fudge

Otherwise Known as Sheila the Great

I Survived books

Who Was/Were, or Where? books

The Cricket in Times Square

A Dog Called Kitty

**For your non-fiction book, you will write a 5 sentence hamburger summary paragraph on notebook paper in your best handwriting. The summary will be due the first day of school.**

- **Non-Fiction Books**

The Hidden Life of a Toad by Doug Wechsler

The Story of Tennis Champion Arthur Ashe by Crystal Hubbard

Little Guides to Great Lives Nelson Mandela by Isabel Thomas

The Thrifty Guide to the American Revolution by Jonathan W. Stokes

Beavers: The Superpower Field Guides by Rachel Poliquin

What Makes a Monster? Discovering the World's Scariest Creatures by Jess Keating

Someday is Now: Clara Luper and the 1958 Oklahoma City Sit-Ins by Olugbemisola Rhuday-Perkovich

Charlotte's Bones: The Beluga Whale in a Farmer's Field by Erin Rounds

Six Dots: A Story of Young Louis Braille by Jen Bryant

Lincoln Tells a Joke: How Laughter Saved the President (And the Country) illustrated by Stacy Innerst

When Green Becomes Tomatoes Poems for All Seasons by Julie Fogliano

Glow Animals with Their Own Night-Lights by W.H. Beck

The Quickest Kid in Clarksville by Pat Zietlow Miller

Rosie Revere's Big Project Book for Bold Engineers 40+ Things to Invent, Draw, and Make by Andrea Beaty

Martí's Song for Freedom Martí y sus versos por la libertad by Emma Othenguy

The Dog Encyclopedia for Kids by Tammy Gagne

DNA Detective by Tanya Lloyd Kyi

Tree Lady: The True Story of How One Tree-Loving Woman Changed a City Forever by H. Joseph Hopkins

The Book of Wildly Spectacular Sports Science 54 All-Star Experiments by Sean Connolly

Saved By the Boats: Heroic Sea Evacuation of September 22 by Julie Gassman

Tear Up This Book! by Keri Smith

**\*\*Both projects will be due the first day of class and will receive a daily grade. AR quizzes for your books will be taken the the first week of school and given a daily grade.\*\***

## **\*\*Fiction Novel Book Project\*\***

Book Report Choice Board: Choose **one** and be creative.

Write a poem about two main events or characters in the story.	Draw a picture (poster) of one of the main characters, and then write ten words that describe them.	Design a comic strip that shows the sequence of events in the story.
Write a test/quiz for the book. Include 10 questions and create the answer key. *This could be similar to an AR quiz*	Pretend you are a reporter and write an interview for the main character of the book. Ask at least 5 questions and write the answers to the questions, as the character would respond.	Create a graphic novel based on the book. You can choose your favorite chapter, a critical scene in the story, the beginning or the end. The choice is yours!
Create a game for other fourth grade students, who have read the book. Include the directions, game board, and game pieces. Be creative!	Produce and record a TV advertisement for the book and present it to the class.	Create an alternative ending to the story.
Create a song which includes the lyrics to retell the story from beginning to the end.	Create an award for your book including reasons the book deserves to be recognized. Also include what the book is being recognized for. Design what the award will look like.	*Create a book cover. You can use paper, colored pencils or colorful ink. The front cover should include the title, author, & include you as the illustrator. The back cover should include a paragraph summary of the book.

\*Enjoy reading the novel and then choose ONE of the ideas above. It will be due the first day of school.

**\*\*Your project will be graded and taken as a daily grade!**

\*\*\*Remember to read 25 minutes a day and you will also take the AR quiz on the novel when you return to school.



# summarize

## Hamburger Writing

Topic Sentence: \_\_\_\_\_

\_\_\_\_\_

Detail # 1: \_\_\_\_\_

\_\_\_\_\_

Detail # 2: \_\_\_\_\_

\_\_\_\_\_

Detail # 3: \_\_\_\_\_

\_\_\_\_\_

Closing Sentence: \_\_\_\_\_

\_\_\_\_\_

Score : \_\_\_\_\_

Date : \_\_\_\_\_

## 5 Minute Drill

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$$

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	10		10		5		1		7		4		10		1		7		4									
x	4		x	1		x	8		x	12		x	7		x	3		x	11		x	10		x	3		x	1

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$$\begin{array}{cccccccccccc} & 7 & & 8 & & 3 & & 11 & & 6 & & 9 & & 1 & & 2 & & 11 & & 3 \\ x & 10 & & x & 5 & & x & 4 & & x & 11 & & x & 4 & & x & 2 & & x & 7 & & x & 7 & & x & 5 & & x & 11 \end{array}$$

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$$\begin{array}{cccccccccccc} 10 & 7 & 11 & 10 & 9 & 12 & 9 & 3 & 9 & 10 \\ x & 12 & x & 10 & x & 12 & x & 1 & x & 7 & x & 7 & x & 2 & x & 10 & x & 2 & x & 2 \end{array}$$

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x 6 12 8 9 1 2 8 5 8 6  
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Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## 5 Minute Drill

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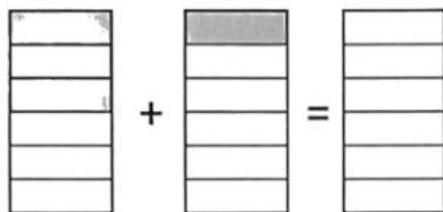


## SIZZLING SUMMER SPIRAL

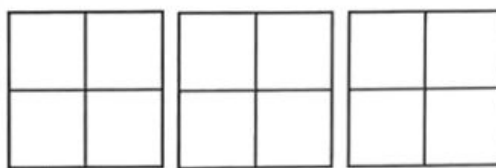


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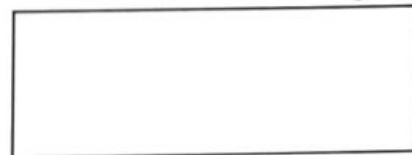
1. What is the sum of the two fractions?



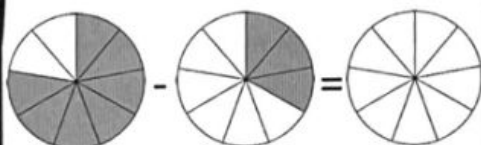
2. Shade in the figure to show  $1\frac{3}{4}$ .



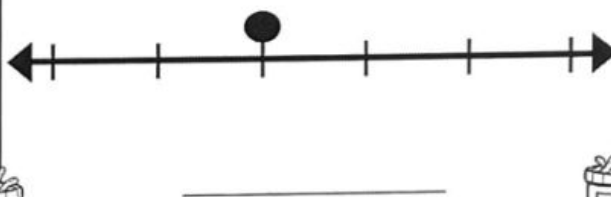
3. Partition the shape into 6 equal parts, then shade in the fraction to show  $\frac{4}{6}$ .



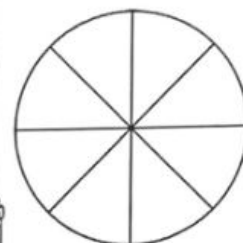
4. What is the difference of the two fractions?



5. What fraction is represented by the dot on the number line?



6. Shade in the figure to show  $\frac{6}{8}$ .



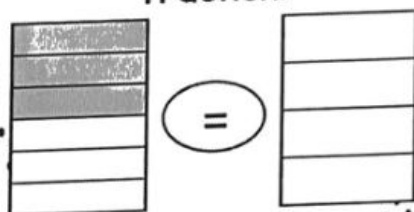
7. Compare the fractions.

$$\frac{3}{10} \bigcirc \frac{3}{5}$$

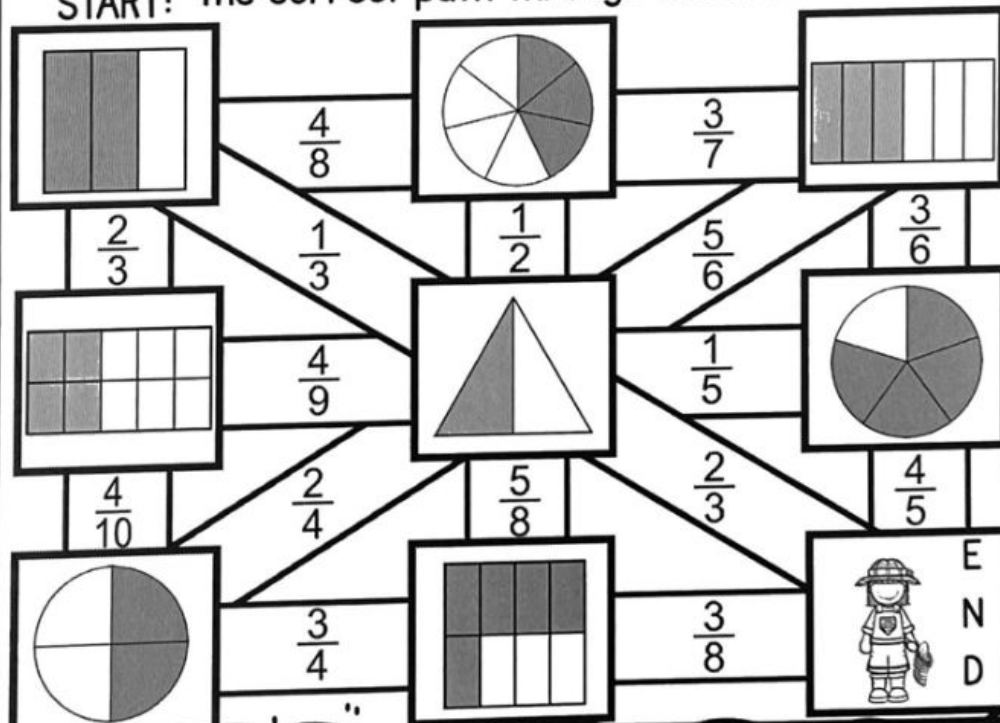
$$\frac{6}{7} \bigcirc \frac{4}{7}$$

$$\frac{2}{6} \bigcirc \frac{4}{8}$$

8. Shade in the figure to make it equivalent to the fraction.



9. Identify the fractions. Shade in your answer to find START: the correct path through the maze.



# SIZZLING SUMMER SPIRAL



1. $239$	$1,682$	$754$	$654$	$1,840$	$5,000$
$+ 465$	$+ 2,758$	$+ 3,096$	$- 338$	$- 644$	$- 2,329$

2. Lake Willow Campsite had 465 people camping on Friday night and 237 people camping on Sunday night. If they had a total of 854 people camp this weekend, how many people camped on Saturday?

3. Fill in the missing numbers to complete the equations.

$28 + \underline{\quad} = 4$

$23 + \underline{\quad} = 37$

$\underline{\quad} - 13 = 26$

$\underline{\quad} + 7 = 9$

$8 \times \underline{\quad} = 48$

$45 - \underline{\quad} = 22$

4. There are 9 tents with 4 people sleeping in each tent. If 7 people leave how many people are sleeping in the tents now?

5.  $6 \times 6 = \underline{\quad}$

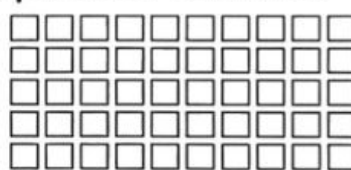
$7 \times 9 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

6. Circle the division and multiplication sentence represented by the array.



A.  $5 \times 9 = 45$   
 $45 \div 9 = 5$

B.  $4 \times 10 = 40$   
 $40 \div 4 = 10$

C.  $5 \times 10 = 50$   
 $50 \div 10 = 5$

7. Draw equal groups to show the multiplication sentence  $6 \times 5 = \underline{\quad}$

8.  $81 \div 9 = \underline{\quad}$

$36 \div 4 = \underline{\quad}$

$12 \div 2 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$24 \div 6 = \underline{\quad}$



1 min.

### Dates you completed the quiz

[illegible]