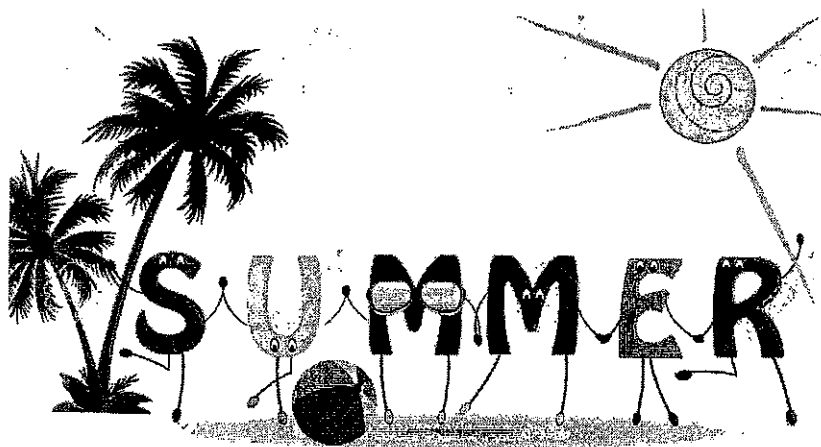


5TH GRADE SUMMER HOMEWORK PACKET



NAME: _____

DUE SEPTEMBER 5, 2018

Incoming 5th Grade Supply List

* 5 black and white notebooks

* Pencil case with crayons, markers, colored pencils, glue stick, scissors

* Pack of pencils

* Pens

* Folders

-one Homework (your choice)

-blue for Math

-red and yellow for ELA

-orange for Technology

-white for Science

* Ream of computer paper

* Pack of Wide-Ruled Loose-leaf

* Boys: Tissues

* Girls: Quart or Gallon size Ziploc bags

** For our first unit of study, we will be exploring realistic fiction. We ask that you purchase the story *Esperanza Rising* by Pam Muñoz Ryan. This book can be found at Barnes and Nobles, Amazon or your local library.



Take the time during your summer to have some fun family conversations over an enjoyable meal!!

Family Conversation Starters

If you could be in any movie, what movie would you choose?	What is your favorite chore? What about your least favorite chore?
What makes you feel loved?	What are you most proud of?
If you could only take 3 things to a deserted island, what would you take?	What is the nicest thing anyone has ever said to you?
Where would you fly if you had wings?	Describe someone else at this table in 3 words.
If you could plan a family trip, where would we go and what would we do?	If you could be any animal, what would you be?
If you had just one wish, what would it be?	What is your least favorite color?
What is your favorite season and why?	If you could only eat one thing for the rest of your life, what would it be?
What is your favorite song right now and why?	What is your favorite family tradition?
What was the first thing you thought of when you woke up this morning?	If you could have any super power, what would it be?
Describe yourself in 3 words.	What makes you happy when you are sad?

Dear families,

This year our class will be focusing on mastering the basic multiplication and division facts. Below is more information about the importance of fact fluency.

What is fact fluency?

Math fact fluency, or the ability for students to recall basic math facts quickly, accurately, and effortlessly, is an essential component of students' math knowledge. It would take you ages to write a paper if you had to look up the spelling of each individual word. In the same way, lack of fact fluency can slow down students' processing of more complex math problems and situations. Recent research shows the importance of fact fluency as a foundation for more difficult math, and even as a predictor of future math success. For these reasons, fact fluency is one important component of our math curriculum this year.

How do we build fact fluency?

It is important to realize that Fact fluency is not just memorizing the basic facts. During class, we will focus on building students' *conceptual* understanding of the basic math facts, rather than focusing solely on memorization. We will encourage children to focus on looking for patterns and relationships between the facts, building on and connecting to what facts they already know (for example, if students know $5 \times 5 = 25$, 5×6 is one more group of 5, or 30). This conceptual framework anchors students' recall in meaning. In other words, students are making meaningful connections that make remembering the facts easier.

What can we do to help?

Students will also be required to practice math facts at home. This extra practice helps the brain transition facts from short-term memory into long-term storage. Practicing can be as easy as quizzing your child in the car on the way to school, or doing flashcards while dinner is cooking. A quick internet search will provide tons of great websites and apps that provide practice opportunities.

10 mins a day → Mastered by Sept 5th, 2018

Thank you for your support,

5th Grade Team

Please take time over the summer to discuss how multiplication and division can be seen in every day life.

✘ Multiplication Study Guide ✘

1x1=1	2x1=2	3x1=3	4x1=4	5x1=5	6x1=6
1x2=2	2x2=4	3x2=6	4x2=8	5x2=10	6x2=12
1x3=3	2x3=6	3x3=9	4x3=12	5x3=15	6x3=18
1x4=4	2x4=8	3x4=12	4x4=16	5x4=20	6x4=24
1x5=5	2x5=10	3x5=15	4x5=20	5x5=25	6x5=30
1x6=6	2x6=12	3x6=18	4x6=24	5x6=30	6x6=36
1x7=7	2x7=14	3x7=21	4x7=28	5x7=35	6x7=42
1x8=8	2x8=16	3x8=24	4x8=32	5x8=40	6x8=48
1x9=9	2x9=18	3x9=27	4x9=36	5x9=45	6x9=54
1x10=10	2x10=20	3x10=30	4x10=40	5x10=50	6x10=60
1x11=11	2x11=22	3x11=33	4x11=44	5x11=55	6x11=66
1x12=12	2x12=24	3x12=36	4x12=48	5x12=60	6x12=72
7x1=7	8x1=8	9x1=9	10x1=10	11x1=11	12x1=12
7x2=14	8x2=16	9x2=18	10x2=20	11x2=22	12x2=24
7x3=21	8x3=24	9x3=27	10x3=30	11x3=33	12x3=36
7x4=28	8x4=32	9x4=36	10x4=40	11x4=44	12x4=48
7x5=35	8x5=40	9x5=45	10x5=50	11x5=55	12x5=60
7x6=42	8x6=48	9x6=54	10x6=60	11x6=66	12x6=72
7x7=49	8x7=56	9x7=63	10x7=70	11x7=77	12x7=84
7x8=56	8x8=64	9x8=72	10x8=80	11x8=88	12x8=96
7x9=63	8x9=72	9x9=81	10x9=90	11x9=99	12x9=108
7x10=70	8x10=80	9x10=90	10x10=100	11x10=110	12x10=120
7x11=77	8x11=88	9x11=99	10x11=110	11x11=121	12x11=132
7x12=84	8x12=96	9x12=108	10x12=120	11x12=132	12x12=144

Multiplication Table

X	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

Every student should have a multiplication table. Each time they master a set of facts, they should color in the multiplication facts they now know (or write them into the blank one). This allows them to celebrate the facts they know and view the facts they have yet to learn.

The sets of mini-multiplication tables on the next page can be used to see the pattern of each strategy.

Build Your Multiplication Table

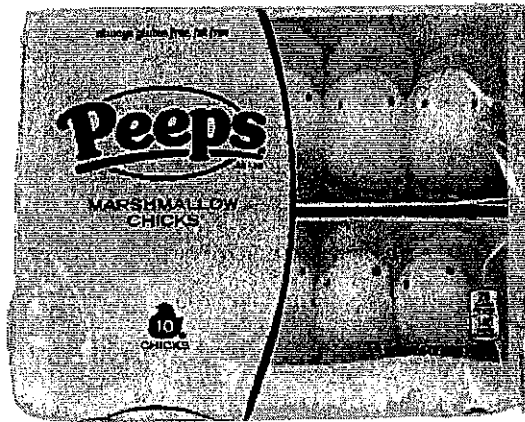
X	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

Marshmallow Madness

Marshmallow Peeps come in packs of 10. Each Peep is 2 inches long. How long will one package of Peeps be if each Peep is lined up in a row with $\frac{1}{2}$ inch between them? How long would 2 packages of peeps be if each Peep is lined up in a row with $\frac{1}{2}$ inch between them? How long will 75 individual Peeps be if they are lined up in a row with $\frac{1}{2}$ inch between them?

Challenge (Optional)-Can you write a rule to determine how long any number of Peeps would be lined up in a row with $\frac{1}{2}$ inch between them?

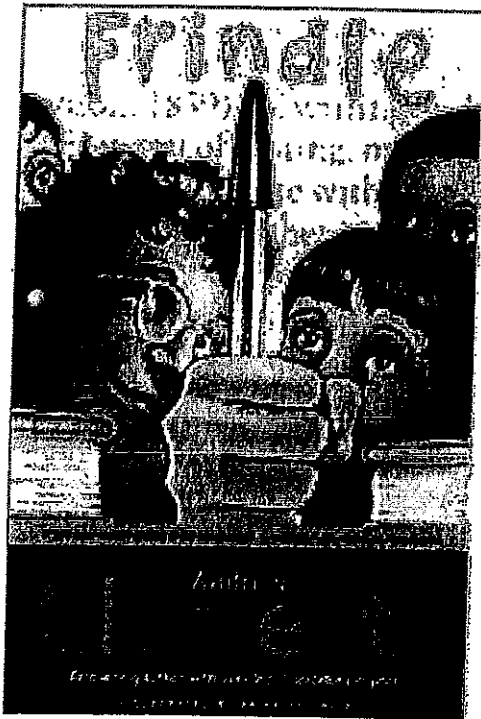
Remember to show all your work, use math representation and as much math language as you can.



Dog Years

It is said that dogs age seven years for every "people year." Mason's dog, Shep, was born on Mason's eighth birthday. When Mason was nine years old, Shep was seven dog years old. In dog years, how old will Shep be on Mason's twelfth birthday?

Show all your mathematical thinking.



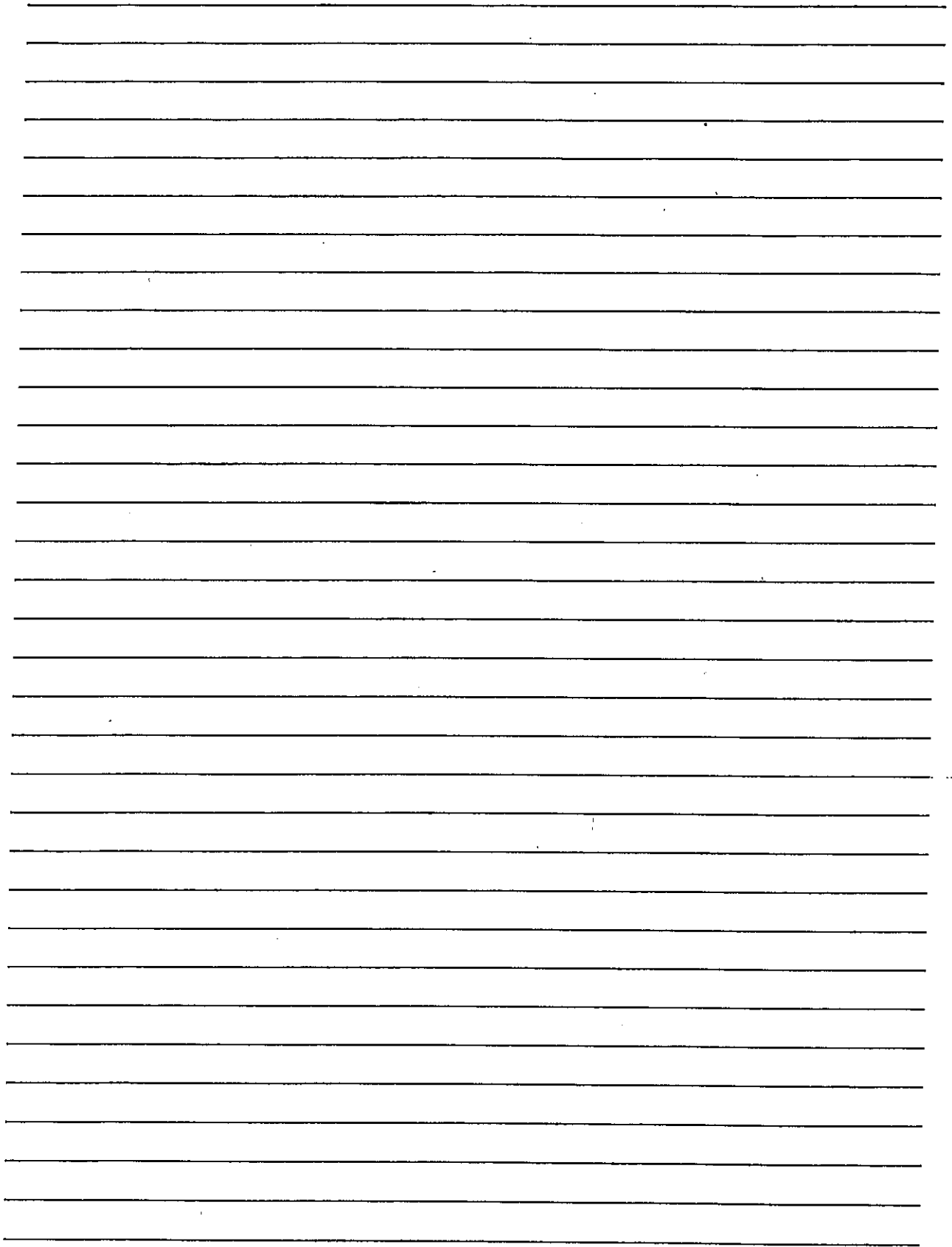
Frindle

By Andrew Clements

Read the book "Frindle" by Andrew Clements. Be sure to log your reading on the reading log below.

Date	Starting Page	Ending Page

Date I completed the book _____



Frindle

Name _____ Date _____

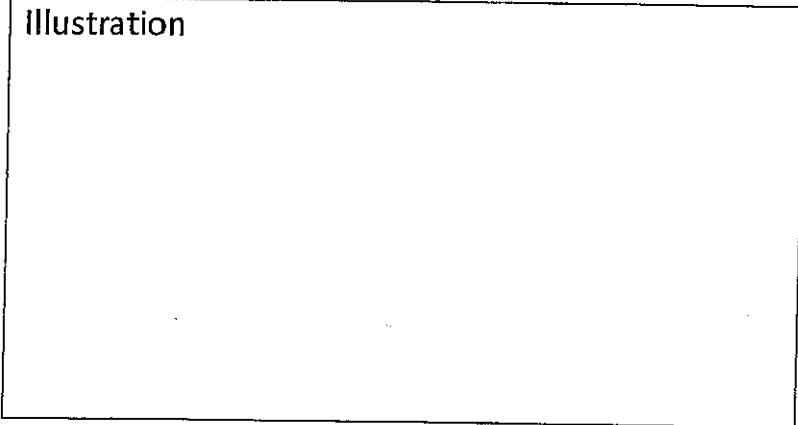
Directions: Create a new word:

1. Word Entry (Old Word) _____ (Your New Word): _____

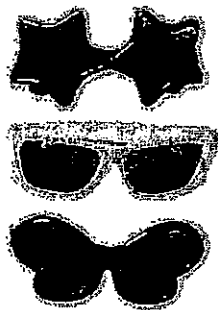
2. Part of speech (circle): noun verb adjective other: _____

3. Definition of the word:

Illustration



4. Sample sentence:



Summer Reading Suggestions

Grades 3-5

***Camp Confidential: Natalie's Secret* by Melissa J. Morgan**

Natalie Goode makes the leap from city life to Camp Lakeview, where the secret she's been keeping might get in the way of making new friends. It's the first book in the hilarious series about life at summer camp.

***Pedro's Journal* by Pam Conrad**

This novel tells the story of a ship's boy who accompanies Christopher Columbus on his journey to find the New World. Pedro sees Columbus as egotistical and hot-tempered. He describes the native people as peaceful and unfairly terrorized by the Spanish.

***Adam Canfield, Watch Your Back!* by Michael Winerip**

The star reporter is caught up in a big scoop—but this time it's about him. This savvy, engaging story takes on school bullies and other tyrants.

***Diary of a Wimpy Kid* by Jeff Kinney**

In this laugh-out-loud "novel in cartoons," seventh-grader Greg Heffley chronicles the horrors of middle school, his escapades with best friend Rowley, and the ups and downs common in most families. This is the first book in a five-part series.

***Callahan Cousins: Summer Begins* by Elizabeth Doyle Carey**

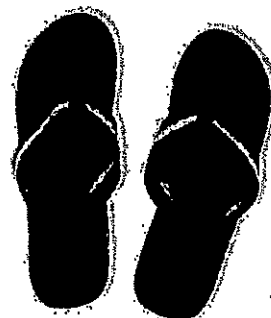
Follow four preteen girls who are having the adventure of a lifetime while spending the summer with their grandmother on Gull Island. This book celebrates family ties, loyalty, and the wisdom of children.

***How to Eat Fried Worms* by Thomas Rockwell**

This is the story of Billy, a 10 year old who takes a bet that he can eat 15 worms in 15 days—for \$50. Billy's friends try to make the task more appealing by cooking up and dressing up the worms. Yum!

***The Tale of Despereaux* by Kate DiCamillo**

This is the story of Despereaux Tilling, a mouse who is in love with music, stories, and a princess named Pea. Despereaux and his friends embark on a journey that includes castles, dungeons, and lessons in friendship.



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