

Name: _____ Date: _____ Homeroom: _____

5th Grade Mathematics Summer Packet

Directions: For summer work you are required to complete the two attached open-ended math questions. Additionally, you can select from the three choices below to practice basic facts and operations in preparation for 5th grade. You must complete a total of **10 hours** throughout the summer. Use the attached log to record your progress.

- **Basic Fact Multiplication:** Practice your multiplication facts using multiplication flash cards

- **Multiplication War:** Using playing cards, each player flips a card. The first player to correctly give the product of the two factors keeps the card in their stack. After the playing period has ended, the player with the most cards wins. (Jacks, Queens, Kings, or Aces can be excluded)

- **Online Resources:**

- **Math Play (Online Games)-**

<http://www.math-play.com/5th-grade-math-games.html>

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5th Grade Mathematics Open-Ended Questions

1. Roberto has to read a book that is 84 pages long. He wants to read an equal number of pages each day.

Part A

How many pages per day would he need to read if he wanted to read the entire book in 2 days?

Answer _____ pages

How many pages per day would he need to read if he wanted to read the entire book in 3 days?

Answer _____ pages

Part B

Could Roberto read an equal number of pages each day for 5 days and finish the book?
Explain why or why not.

Part C

What is another possible number of days that Roberto could finish the book and read an equal number of pages each day?

Work Space:

Part A	Part B	Part C

2. A sign at Neno's Market reads:



Part A

Which is the *least* expensive way to buy 5 apples at the market?

5 separate apples

or

1 bag of 5 apples

Work Space:

Answer _____

Part B

What is the *least* amount of money someone would need to buy exactly 12 apples?

Work Space:

Answer S _____

GENERAL DESCRIPTION OF SCORING GUIDELINES FOR MATHEMATICS OPEN-ENDED QUESTIONS

- 4 – The response demonstrates a *thorough* understanding of the mathematical concepts and procedures required by the task.**

The response provides correct answer(s) with clear and complete mathematical procedures shown and a correct explanation, as required by the task. Response may contain a minor “blemish” or omission in work or explanation that does not detract from demonstrating a *thorough* understanding.

- 3 – The response demonstrates a *general* understanding of the mathematical concepts and procedures required by the task.**

The response and explanation (as required by the task) are mostly complete and correct. The response may have minor errors or omissions that do not detract from demonstrating a *general* understanding.

- 2 – The response demonstrates a *partial* understanding of the mathematical concepts and procedures required by the task.**

The response is somewhat correct with *partial* understanding of the required mathematical concepts and/or procedures demonstrated and/or explained. The response may contain some work that is incomplete or unclear.

- 1 – The response demonstrates a *minimal* understanding of the mathematical concepts and procedures required by the task.**

- 0 – The response has no correct answer and *insufficient* evidence to demonstrate any understanding of the mathematical concepts and procedures required by the task for that grade level.**

Response may show only information copied from the question.

Special Categories within zero reported separately:

BLK (blank).....Blank, entirely erased, or written refusal to respond

OT.....Off task

LOE.....Response in a language other than English

IL.....Illegible

Summer Reading – Incoming 5th Grade
New Foundations Charter School

Incoming 5th graders are required to read ONE book from the options below! We have provided you with many options - favorite authors and/or favorite series books! Choose carefully to ensure you found a books that are “just right” for you!

Directions: As you read your book, fill in the attached reading log to track your progress. In addition to reading the book, during the first week of school, you will be doing an oral presentation on the book. Please see the attached rubric for the requirements of the presentation.

Choose any youth chapter book written by the following authors:

Katherine Applegate
Andrew Clements
Christopher Paul Curtis
Kate DiCamillo
Jack Gantos
Dan Gutman
Jennifer Holm
Jeff Kinney

Rick Riordan
Rachel Renee Russell
Louis Sachar
Jerry Spinelli
Lauren Tarshis
Raina Telgemeier
Jacqueline Woodson

Or choose a book from a popular youth book from a series such as:

Dear Dumb Diary by Jim Benton

Big Nate by Lincoln Peirce

A-Z Mysteries by Ron Roy

A Series of Unfortunate Events by Lemony Snicket

Stick Dog by Tom Watson

The Book of Elsewhere by Jacqueline West

Hank Zipzer by Henry Winkler

Enjoy your Summer! Happy Reading!



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RUBRIC FOR ORAL PRESENTATION

Points Earned	Points Possible	Description
	10 points	Introduce yourself.
	10 points	Tell the book's genre, title, and author.
	20 points	Describe the main character(s).
	20 points	Describe the beginning, middle, and end of the story.
	20 points	Give a mini blurb as to what interested you in the story and why anyone else should read it.
	10 points	The speaker is clear and easy to understand. (Practiced a few times, do not just read your script.)
	10 points	While classmates are presenting, you are actively listening.
		Total points earned out of 100 points

COMMENTS: