

Rising 4th Graders Math Summer Project Directions

Have your student complete the Math board. Then turn in to their teacher within the first 2 days of school the following items:

- Completed work for each problem on the Math board.
- Math board with parent signature (anywhere on the page).

Every student that completes this summer Math project will get his/her photo taken and placed on the “Math Wall of Fame” in the 4th grade hallway.

<p>Your brother added 18 and 4 and got the answer of 23. What could you do to show and tell your brother to help him understand why his answer is wrong.</p>	<p>Your friend solved a word problem by adding 20 and 7, and then subtracting 3. Write 2 interesting word problems that your friend could have solved this way.</p>	<p>Window Pane Draw a window that is divided into fourths and label each part with one of the following words: Addition, subtraction, multiplication, and division. For each operation write a minimum of 5 words that are clue words for that operation. Example: addition -- sum</p>	<p>Write the place and the value of the underlined digit in each of the following numbers: 7,<u>4</u>58 <u>3</u>9,287 4<u>8</u>2 <u>1</u>7,420 20,1<u>5</u>3</p>
<p>Draw arrays to represent the following multiplication problems and solve each problem.</p> <p>5 x 9 6 x 7 8 x 4 3 x 6 4 x 5 7 x 9</p>	<p>Using all four of the digits 1, 2, 3, 4, and any of the four operations can you make the number 13? 21?</p>	<p>Make your own multiplication flash cards and play the game of War with them.</p>	<p>Macy bought a box of 24 popsicles for her party. How many guests can she invite so they all receive the same number of popsicles. Find at least 4 possible numbers of guests and write a division equation for each one.</p>
<p>Create a new game to practice division facts and be sure to include directions and anything you will need to play. Try it with a friend.</p>	<p>Write a poem about what a polygon is that explains the different types of polygons.</p>	<p>Set a timer for 2 minutes. See how many multiplication questions you can answer before the timer goes off. Do it again to see if you can break your record.</p>	<p>Using numbered playing cards each player draws 4 cards and arranges the cards to form the largest number possible. The 2 players compare the numbers and the player with the largest number gets a point. After 12 rounds the player with the most points will win.</p>

4th Grade Summer Reading Project

Materials you will need:

- one 12 X 18 piece of construction paper
- Crayons and colored pencils
- optional:
 - Awards
 - Five 3X5 index cards

Directions:

- Read a novel of your choice. You may record other books you read on the reading log below.
- Divide your construction paper into six sections.
- Design or color an award for the following six categories;
 1. Most Exciting Part
 2. Best Character
 3. Best Solution to a Problem
 4. Best New Word / Best Quote
 5. Create an Award of Your Own!
 6. In the top middle section, write the title of the book you read, the author's name, and the name of the person presenting the awards to the book (That's you!)
- Put "Best New Word" and "Best Quote" awards in the same section. All other awards should be one per section.
- For each award, write a short description (on an index card or computer print-out) of the winning part of the book you just read.
- You don't need to write a description for "Best New Word." Instead write only the word you learned and its definition. In that same section, write the "Best Quote."

Please do your best with this project. After all, it's your 1st fourth grade assignment. Make it well written, informational, edited, and neat because it will hang in the hallway for all to see.

Rubric

	4 points	3 points	2 points	1 point	Total Points
Directions					
Neatness					
Spelling					
Grammar					

Total Points: _____ Grade: _____

Sample

Most Exciting Part	Title Author Your Name	Best Quote Best New Word
Best Character	Best Solution to a Problem	Your Own

