

Favorite Number Project

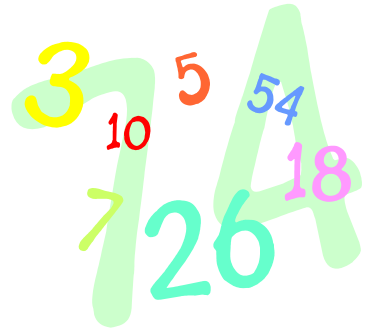
PROJECT DUE DATE: FRIDAY, DECEMBER 16

MATERIALS: POSTER BOARD, ART SUPPLIES, OR COMPUTER

DIRECTIONS: YOU ARE TO CREATE A FAVORITE NUMBER POSTER. YOU SHOULD PICK A NUMBER 2-100. YOUR POSTER SHOULD BE CREATIVE, COLORFUL, AND UNIQUE.

YOUR POSTER MUST ANSWER **ALL** OF THE FOLLOWING QUESTIONS/STATEMENTS:

1. Is your number odd or even?
2. Is your number prime or composite?
3. List your number's factors. Please list ALL the factors.
4. List your number's multiples (You must include at least 5 multiples).
5. Create an equation where your number is the sum.
6. Create an equation where your number is the difference.
7. Create an equation where your number is the product.
8. Create a set of data with your favorite number as either the mean, median, mode, or range. **Only pick one measure of center or range. You do not have to do all 4.**
9. Why did you choose your number? Please write 2 complete sentences.
10. Create three word problems with your number as their answers. Remember to use correct grammar and write in complete sentences.



Project Options

Option 1: Create a poster using poster board. All the above criteria must be included on the poster board.

Option 2: Create a PowerPoint. All the above criteria must be included in the PowerPoint presentation.

Option 3: Create a 3-D Model of your number. Then, write a report answering the questions/statements about your number.

Option 4: Create a Flipchart using ActivInspire. When you present the project, you can use the Promethean tools just like Mr. W! **If you pick this option, please see Mr. Wells for help.**

Category	5 points	4 points	3 points	1 points
Color/Creativity	The project is creative and colorful.	The project is somewhat creative and has some color.	The project is somewhat creative and lacks some color.	The project is not creative and has no color.
Neatness	The project is very neat.	The project is somewhat neat.	The project is not neat.	
Requirements Met	All requirements were met.	2-3 requirements were missing.	4-5 requirements were missing.	More than 5 requirements were missing.
Project Completion	The project was turned in on time.			The project was not turned in on time.
Complete Sentences	The project contains complete sentences.	The project contains some complete sentences.		The project contains no complete sentences.
Grammar	The project contains fewer than 2 grammatical errors.	The project contains 3-4 grammatical errors.	The project contains 5-8 grammatical errors.	The project contains more than 10 grammatical errors.
Mathematical Correctness	At least 8/10 accurate elements are displayed.	At least 6/10 accurate elements are displayed.	At least 5/10 accurate elements are displayed.	Fewer than 5/10 elements are displayed correctly.

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Please sign and return this portion of the project sheet.

I have read the attached requirements and understand that my son/daughter has a math project. The project is due Friday, December 16. This project will count as a math test and homework grade.

I picked option _____. *(Please write on the line which project option you are going to complete.)*

Student Signature_____

Date _____

Parent Signature_____

Date _____