

MATHERPIECE

Directions: Create a piece of art by tracing single digit number stencils or using single digit block numbers from computer. It can be anything. Your name, a robot, an animal, a fictional character, a flower, or anything you think of. Find the sum of the numbers you use, and keep it a secret. You will present these to the class. The class will get to estimate your sum!

Use the sum of your face to answer each question.

1. Is your number prime or composite? _____ because _____

2. Is your number even or odd? _____ because _____

3. Draw and label a rectangle so that the **perimeter equals** your sum.

4. Draw and label a rectangle so that the **area equals** your sum.

5. Is the square root of your number rational or irrational? _____ because _____

6. Create an order of operations problem with at least 3 different operations and 5 steps so that the answer is your sum.

7. Give a fact about the number in the ones place. _____

8. Give a fact about the number in the tens place. _____

9. What is the difference between your sum and the first triple digit prime number? _____

10. What is the product of your sum and the first palindrome? _____

11. What is the quotient of your number and the first prime number? _____