

Name: _____

Date: _____



You will find the prime factorization of a number and display it step by step on a poster board. You will need a **poster board** and popsicle sticks to connect the factors. Each **prime factor** should be represented by a shape, highlighted, or any creative way and each **composite factor** in a different shape, color, or form different from the prime factors. Check if your work is correct and write out the prime factorization of your number on an index card (remember if you have repetitive numerals, write them as exponents). Be creative and have fun! ☺

How you will be graded:

- Prime factors represented
- Composite numbers represented (differently)
- Index card written correctly
- Neatness
- Rubric included
- Accuracy of prime factorization

Possible PointsActual Points

10

10

15

5

10

50

Total:**100**

Your Score: _____