Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class: 1 2 3 6 7

**Performance Task: Know the Properties of Exponents DUE MONDAY, Nov. 9th**

**(BONUS points: +5 if turned in Friday, Nov. 6th)**

Directions: You are to create a project the shows you know the properties of exponents. This may be done by completing one of the following:

1. **Flip book 2) Poster 3) Cube**

6 sides…..  
1 side is the title of the cube  
and your **name**  
5 sides have the rules & examples

You must have the definition and 2 examples for each property. Be creative and neat!

1. Power Rules
2. Zero Exponent Rule
3. Negative Exponent Rule
4. Quotient Rule
5. Product Rule **My Score:\_\_\_\_\_\_\_\_/36**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Power Rules | Definitions is correct  2 points : \_\_\_\_\_\_\_\_ | Example 1 is correct  2 points:\_\_\_\_\_\_\_\_\_ | Example 2 is correct  2 points: \_\_\_\_\_\_\_\_\_\_ | Project is:  ~ Neat  2 points: \_\_\_\_\_\_\_\_\_  ~ Creative  2 points: \_\_\_\_\_\_\_\_\_  ~ On Time  2 points: \_\_\_\_\_\_\_\_\_ |
| Zero Exponent Rule | Definitions is correct  2 points : \_\_\_\_\_\_\_\_ | Example 1 is correct  2 points:\_\_\_\_\_\_\_\_\_ | Example 2 is correct  2 points: \_\_\_\_\_\_\_\_\_\_ |
| Negative Exponent Rule | Definitions is correct  2 points : \_\_\_\_\_\_\_\_ | Example 1 is correct  2 points:\_\_\_\_\_\_\_\_\_ | Example 2 is correct  2 points: \_\_\_\_\_\_\_\_\_\_ |
| Quotient Rule | Definitions is correct  2 points : \_\_\_\_\_\_\_\_ | Example 1 is correct  2 points:\_\_\_\_\_\_\_\_\_ | Example 2 is correct  2 points: \_\_\_\_\_\_\_\_\_\_ |
| Product Rule | Definitions is correct  2 points : \_\_\_\_\_\_\_\_ | Example 1 is correct  2 points:\_\_\_\_\_\_\_\_\_ | Example 2 is correct  2 points: \_\_\_\_\_\_\_\_\_\_ |