Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Monday: Multiple Choice**

1. Seventy million, four hundred thousand, two. What does this number look like in standard form?
2. 7 400 002
3. 70 400 002
4. 74 000 200
5. 70 402
6. What situation would best describe a negative integer?
7. Above 0
8. At ground level
9. 20 below
10. None of the above
11. Which is the correct answer for the following **order of operation**: 2 + 7 x 3 =?
12. 27
13. 30
14. 16
15. 23
16. Which set of numbers are prime?
17. 4, 2, 47, 6
18. 1, 2, 3, 5
19. 11, 2, 3, 7
20. 8, 24, 30, 9
21. -7 -12
    1. >
    2. <
    3. =
    4. /

**Wednesday:**

**The pattern rule that related the input to the output is: Divide the input by 5, then subtract 1**

1. **Check the data in the table. Identify any output numbers that are incorrect.**
2. **Write the pattern rule for the input.**
3. **Write the pattern rule for the corrected output.**
4. **The pattern continues. Write the next 4 input and output numbers.**

|  |  |
| --- | --- |
| **Input** | **Output** |
| **5** | **0** |
| **10** | **2** |
| **15** | **3** |
| **30** | **7** |
| **45** | **8** |
| **50** | **11** |
|  |  |
|  |  |
|  |  |
|  |  |

**Use brackets to make each number sentence true:**

1. **36 4 x 3 = 3**
2. ** 20 5 x 2 + 3 = 5**

****

1. **10 – 4 2 – 1 = 6**

****

1. **6 x 2 + 8 4 = 15**

**Thursday:**

* **Fill in the blanks in the tables below**
* **Write the input rule**
* **Write the output rule**
* **Write the relationship rule for each**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Side Length (cm)** | **1** | **2** | **3** | **4** | **5** | **6** |  |
| **Perimeter (cm)** | **6** | **12** | **18** |  | **30** |  | **48** |

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| **1** | **2** |
| **2** | **4** |
| **3** |  |
| **4** | **8** |
|  | **10** |