**Patterning Note**

***Vocabulary***

|  |  |
| --- | --- |
|  | ***Term Number:*** |
| ***Term Value:*** |
| ***Pattern Number:***  |

***Practice*** - For each number pattern:

a) find the pattern number b) extend the pattern 3 terms c) find the term value for term number 15

|  |  |
| --- | --- |
| 1. 6, 12, 18 …
 | 1. 4, 2, 0 …
 |
| 1. 21, 29, 37 …
 | 1. -8, -5, -2 …
 |

t

***Patterning & Graphing***

Step 1: create a table of values using our term numbers as the x- values and the term values as the y-values.

Step 2: determine the pattern number and fill in the next 3 values of your chart

Step 3: plot these values on your graph paper

|  |  |
| --- | --- |
| **Term Number (X)** | **Term Value (Y)** |
|  |  |
|  |  |
|  |  |
|  |  |



|  |  |
| --- | --- |
| **Number of Days** | **Number of Needles** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 14 |  |
| 30 |  |