Strand:
Skill Addressed: Linear Relationships Explored Activity:

## Algebra

Part 1: Table of Values

Name:
Blk: $\qquad$

| ... | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: |
|  | 10 | 11 | 12 |
| Row 1 |  |  |  |
| Row 2 |  |  |  |
| Row 3 |  |  |  |
| Row 4 |  |  |  |
|  |  |  |  |

Joy made 3 columns and filled them with consecutive integers.

If 13 is her "start" number, complete the following T -Table of values:
$\left.\begin{array}{|c|c|}\text { Which } \\ \text { Term? }\end{array} \begin{array}{c}\text { Value } \\ \text { of } \\ \text { Term }\end{array}\right\}$

1) Can you explain to Joy how to find the value of a term if she knows that her row is \#6?
2) Is there a pattern for finding a value when you know the row number? Explain by using an algebraic expression or function.
3) Write to explain to Joy how to find any value, if you know the row number.
