**Patterning and Algebra**

**Unit 1 Line Master 2a**

Growing Patterns

**Linear Growing Pattern**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term Number** | 1 | 2 | 3 | 4 |  |  |
| **Term Value** |  |  |  |  |  |  |

Pattern rule for the term values in words:

Pattern rule for term values as an algebraic expression:

Equation for the pattern in the term values:

Is it an increasing or a decreasing pattern?

**Patterning and Algebra**

**Unit 1 Line Master 2b**

Growing Patterns (cont’d)

**Non-Linear Growing Pattern**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term Number** | 1 | 2 | 3 | 4 |  |  |
| **Term Value** |  |  |  |  |  |  |

Pattern rule for the term values in words:

How are linear and non-linear patterns alike?

How are they different?