Getting Started:
Log into UMATH X
From the menu on the left:
Hover over the Strand: Algebra
Hover over Section 3: Patterns, Patterns, Patterns
Hover over the Lesson: Generating & Comparing Number Patterns
Hover over the Sub Lesson: Example 1
Select and complete Sub Sub Lessons: Generate the Patterns
Create the Ordered Pairs
Graph

As you work through the lessons, complete the corresponding notes and graph below.

Generate the Patterns
Starting Number: 0
Rule: Add 3

Starting Number: 0
Rule: Add 6

Create the Ordered Pairs
Graph

Relationship:
The terms in the Add 6 set are _____ times the corresponding terms of the Add 3 set.
Working In It: Generate the following number patterns.

Starting Number: 0
Rule: Add 2

______________

Starting Number: 0
Rule: Add 6

______________

Complete the x-y table using the terms from the numeric sequences.

<table>
<thead>
<tr>
<th>x</th>
<th>y</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graph the resulting ordered pairs.

Relationship:
The terms in the Add 6 set are _____ times
the corresponding terms of the Add 2 set.

From the menu on the left:
Hover over the Strand: Algebra
Hover over Section 3: Patterns, Patterns, Patterns
Hover over the Lesson: Generating & Comparing Number Patterns
Hover over the Sub Lesson: Example 2
Select and complete Sub Sub Lessons: Generate the Patterns
Create the Ordered Pairs
Graph

As you work through the lessons, compare your answers with those in the program. Correct any mistakes before continuing.

Reflect & Connect:
Generate the following number patterns.
Starting Number: 0
Rule: Add 2
Starting number: 0
Rule: Add 8
Create an x-y table using the terms from the numeric sequences.
Graph the resulting ordered pairs.
Write a comparison regarding the relationship between the terms of the two sequences.
Compare your answers with a partner. Discuss and correct any mistakes.

Compare and contrast the three graphs completed in this Framework. Discuss your observations with a partner. Write a summary of your discussion on separate sheet of paper.

Build It. Draw It. Talk It. Write It. Now you OWN It!