


# CHAPTER 4: MULTIPLE REPRESENTATIONS

<p>Date: Lesson:</p>	<p>Learning Log Title:</p>
	

Date:  
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Date:  
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A large grid area for writing, consisting of approximately 30 columns and 30 rows of small squares. The grid is bounded by a vertical line on the left side, which aligns with the 'Date:' and 'Lesson:' labels, and a horizontal line at the top, which aligns with the 'Learning Log Title:' label.

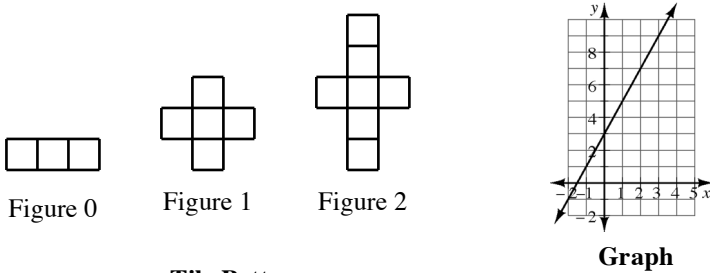
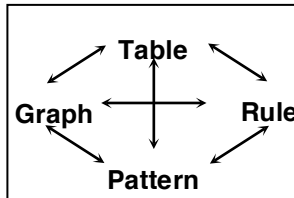
# MATH NOTES

## REPRESENTATIONS OF PATTERNS

Consider the **tile patterns** below. The number of tiles in each figure can also be represented in an  $x \rightarrow y$  table, on a **graph**, or with a **rule** (equation).



Remember that in this course, tile patterns will be considered to be elements of continuous relationships and thus will be graphed with a continuous line or curve.



**Tile Pattern**

**Graph**

$$y = 2x + 3$$

**Rule (Equation)**

Figure Number ( $x$ )	0	1	2
Number of Tiles ( $y$ )	3	5	7

**$x \rightarrow y$  Table**

Notes:

