Name: _____ Date: _____

BLM 6–1

Chapter 6 Self-Assessment

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
6.1			
I can describe a possible situation for a graph.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can sketch a graph for a given situation.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
6.2			
I can determine if a situation represents a linear relation and explain why or why not.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can determine if a graph represents a linear relation and explain why or why not.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can determine if a table of values or a set of ordered pairs represents a linear relation and explain why or why not.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can draw a graph from a set of ordered pairs and determine if the relationship between the variables is linear.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can determine if an equation represents a linear relation and explain why or why not.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can match corresponding representations of linear relations.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain why data points should or should not be connected on a graph.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can identify the dependent and independent variables in a relation.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes

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(continued)

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
6.3			
I understand the meaning of domain and range.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can express in a variety of ways the domain and range of a graph, a set of ordered pairs, or a table of values.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can graph, without technology, a set of data and determine the restrictions on the domain and range.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can graph, with technology, a set of data and determine the restrictions on the domain and range.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
6.4			
I can explain, using examples, why some relations are not functions but all functions are relations.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can determine if a set of ordered pairs represents a function.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain rules for determining if graphs and sets of ordered pairs represent functions.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can sort relations into functions and non-functions.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can use notation specifically designed for functions.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can graph linear functions.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes

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BLM 6–1
(continued)

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
6.5			
I can determine the slope of a line or line segment by measuring or calculating the rise and run.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can classify lines as having positive or negative slopes.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain the meaning of slope for a horizontal or vertical line.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain why the slope of a line can be determined using any two points on that line.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can draw a line given its slope and a point on the line.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can determine another point on a line given the slope and a point on the line.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can explain, using examples, slope as a rate of change.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes
I can solve problems involving slope.	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes	❒ No, not yet ❒ Some ❒ Yes