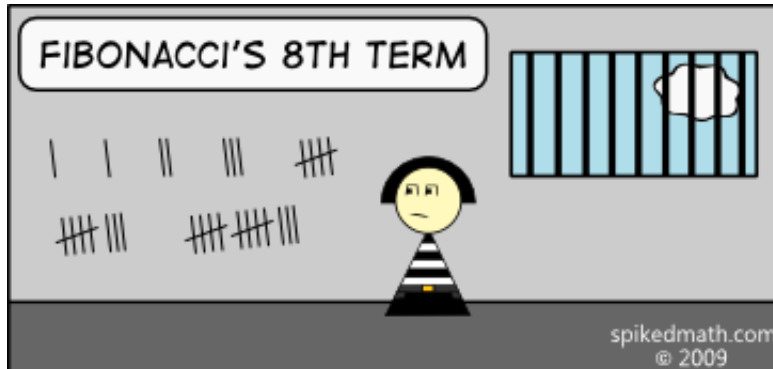


Name: _____ Period: _____

Study Guide Patterns Cycle

Math 8 Week 1 & Week 2: January 17th – January 20th & January 23 – January 27th



Essential Questions:

- How can patterns be used to make predictions?
- What is meant by equality?

Overview:

To start the new quarter and bring to close the structures cycle, we will begin with a mystery sequence activity to get our brains starting to think with patterns. Following our activity, we will use our thoughts on patterns to apply algebra to solve equations with two variables and discover the patterns with functions.

Checklist of activities:

Complete?	Due Date	Assignments
	1-19-17 (A-Day) 1-20-17 (B-Day)	Mystery Sequence Activity/Assignment
		3.3: Understanding Linear Equations with Two Variables [Lesson Date: 1-19-17 (A-Day), 1-20-17 (B-Day)]
	1-23-17 (A-Day) 1-24-17 (B-Day)	3.3 Homework: Course 3A Pg. 116: L1&L2: 6, 8, 10, 12; L3: 13-16; L4: 18, 20
		3.4: Solving for a Variable in a Two-Variable Equation [Lesson Date: 1-23-17 (A-Day), 1-24-17 (B-Day)]
	1-31-17 (A-Day) 1-30-17 (B-Day)	3.4 Homework: Course 3A Pg. 122: L1&L2: 1-4; L3: 7-10; L4: 13, 14
N/A	N/A	Intersession January 25 th – January 27 th