Name: _____

Unit: _____ **Period:** _____

Date: _____

Topic:_Exponent Properties_____

Statement of Inquiry: Learn all about properties of exponents.

Notes Objective:

Questions/Main Ideas:	Notes:
	(10.1) Explain power, base and exponent:
	(10.2) Key Ideas: Product of Powers Property
	Power of power Property
	Power of a Product Property
	(10.2) Example 1: Multiplying Powers with the Same Base

	(10.2) Example 2: Finding a Power of a Power
	(10.2) Example 3: Finding a Power of a Product
	(10.3) Key Idea: Quotient Powers Property
	(10.3) Example 1: Dividing Powers with the Same Base
	(10.3) Example 2: Simplifying an Expression

	(10.3) Example 3: Simplifying an Expression
	(10.4) Key Ideas: Zero Exponents
	Negative Exponents
	(10.4) Example 1: Evaluating Expressions
	(10.4) Example 2: Simplifying Expression
Summary:	