**CCHS Mathematics II**

**Features of Functions**

**Module 1 - Assessment Study Guide**

Define the following Mathematical Terms

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| Linear Function | Exponential Function | Quadratic Functions | Inductive Reasoning |
| Expressions | Recursive Functions | Explicit Functions  | Deductive Reasoning |
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Understand the following Tasks

1. Factor and simplify algebraic expressions.
2. Recognize the factored forms of monomials, binomials, and trinomials.
3. Identify and write recursive functions
4. Identify and write an explicit function
5. What does it mean to describe a function in context?
6. Write a short essay: Explain the differences between the rate of change of a linear function, exponential function, and a quadratic function.