Name:

Math 9 Polynomials Unit Part 2:

<u>BIG IDEA:</u> The principals and processes underlying operations with numbers apply equally to algebraic situations and can be described and analyzed.

CURRICULAR COMPETENCIES:

Reasoning and Analyzing: Demonstrate and apply mental math strategies. (ie: Learning Goals 2/3)

<u>Understanding and Solving</u>: Apply multiple strategies to solve problems and visualize to explore mathematical concepts. (ie: Learning Goals 1-3)

<u>Communicating and Representing:</u> Representing mathematical ideas in symbolic forms. (ie: Learning Goal 1)

Complete Self Assessment of Learning Goals:

1. I can use algebra tiles to represent a polynomial.

Example Question: Represent this polynomial with appropriate algebra tiles: $2(-r + 1 + r^2)$



I can multiply a polynomial by a constant/monomial.



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X²⁻¹ +

X +