

MathLinks 9 Chapter 5 Polynomial Game

Polynomial Game

Work with a partner.

1. Both players use algebra tiles to create a model of a polynomial.
2. When you are both done, write the polynomial for both models. Then, write the sum of the two polynomials.
3. Award one point to each player who correctly writes the polynomial for both models. Award one point to each player who correctly writes the sum of the two polynomials.
4. Play several rounds. Whoever reaches ten points first wins the game. If both players reach ten at the same time, play another round. The first player to arrive at the correct sum wins the game.

Variation: One person is Player A, and the other is Player B. Subtract the polynomial of Player B from the polynomial of Player A.

Materials

- set of algebra tiles per pair of students