

The Game Zone

A Place To Practice Your Math Skills

Math Skill
Adding
Polynomials



Polynomial Challenge

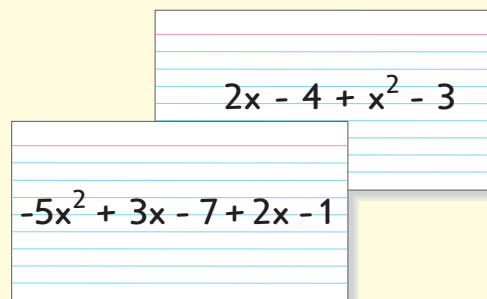
● GET READY!

Players: four

Materials: stopwatch, algebra tiles, scissors, 10 index cards

● GET SET!

- Cut each index card in half to make 20 playing cards.
- Each player should write a polynomial with four or five terms that can be modeled with algebra tiles on each of five cards.
- At least two of the polynomials should contain one or more positive or negative x^2 -terms.



● GO!

- Mix the cards and place the stack facedown on the table.
- The first player turns over the top two cards and lays them side-by-side on the table.
- The player then has one minute to model the two polynomials using algebra tiles and find the sum.
- If the player is correct, he or she scores one point. Those cards are then placed in a discard pile and it becomes the next player's turn.
- **Who Wins?** The first player to score 5 points wins.