

Name \_\_\_\_\_

## Powering Up with Polynomials: Unleashing Mathematical Superheroes

### Multiple Choice Questions

1. What is a polynomial?
  - a) An expression with only one variable
  - b) An expression consisting of variables and coefficients combined using addition, subtraction, multiplication, and non-negative integer exponents
  - c) An expression with only subtraction
  - d) An expression with no variables
  
2. In which field are polynomials commonly used?
  - a) Medicine
  - b) Gardening
  - c) Cooking
  - d) Finance
  
3. How are polynomials used in physics?
  - a) To model investment growth
  - b) To describe the motion of objects
  - c) To analyze stock market trends
  - d) To design roller coaster rides
  
4. What role do polynomials play in computer science?
  - a) They're used to encrypt and decrypt messages
  - b) They're used to design roller coaster rides
  - c) They're used to calculate interest rates
  - d) They're used to model investment growth
  
5. Where can polynomials be found in everyday life?
  - a) Only in complex scientific experiments
  - b) Only in computer algorithms
  - c) In various forms, from budgeting to predicting weather patterns
  - d) Only in engineering projects

