

Name \_\_\_\_\_

## Unraveling Quadratic Equations: Solving Puzzles in the Real World

### Multiple Choice Questions

1. What are quadratic equations?
  - a) Equations with straight lines
  - b) Equations with curves called parabolas
  - c) Equations with no solutions
  - d) Equations with circles
  
2. How are quadratic equations represented graphically?
  - a) As straight lines
  - b) As circles
  - c) As curves called parabolas
  - d) As points
  
3. In which field are quadratic equations commonly used?
  - a) Medicine
  - b) Engineering
  - c) Cooking
  - d) Swimming
  
4. What type of curve is formed by quadratic equations?
  - a) A straight line
  - b) A circle
  - c) A zigzag line
  - d) A parabola
  
5. What classic example illustrates quadratic equations in action?
  - a) Calculating the trajectory of a launched projectile
  - b) Determining the length of a garden
  - c) Predicting the weather
  - d) Modeling population growth

