

Name \_\_\_\_\_

## Navigating Real-World Challenges with Systems of Equations

### Multiple Choice Questions

1. What are systems of equations?
  - a) Equations with only one variable
  - b) Equations with no solutions
  - c) Equations with multiple unknowns working together
  - d) Equations with circles
  
2. How are systems of equations used in economics?
  - a) To analyze supply and demand relationships
  - b) To study plant biology
  - c) To predict weather patterns
  - d) To analyze geological formations
  
3. In which field are systems of equations commonly used?
  - a) Medicine
  - b) Engineering
  - c) Cooking
  - d) Gardening
  
4. What type of problems involve the use of systems of equations?
  - a) Problems with only one unknown
  - b) Problems with multiple unknowns and relationships between them
  - c) Problems with no solutions
  - d) Problems with circles
  
5. How do systems of equations help solve real-world challenges involving mixtures?
  - a) By creating new colors
  - b) By optimizing production schedules
  - c) By forecasting market trends
  - d) By providing a systematic approach to achieving desired outcomes

