Solving Systems of Equations with Algebraic Methods

Name:

Date:

Vocabulary Review:
In your own words, define each of the following vocabulary terms.

• Consistent System

• Dependent System

• Inconsistent System

• Substitute

• System of Linear Equations
Apply New Learning:

Determine the best method to solve the system of equations. Explain your reasoning, and solve the system.

1. \( y = 2x - 3 \) and \( y = x + 1 \)

2. \( 2x - y = 2 \) and \( 2x + y = 6 \)

3. \( 2x + y = 9 \) and \( 3x - y = 16 \)
4. \( y = -3x + 10 \) and \( y = x - 2 \)

5. \( 6x + 5y = 5 \) and \( 6x - 7y = -16 \)