Selecting a Method to Solve Equations or Inequalities

Name:

Date:

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

- Solution

- Equation

- Inequality

- Linear Function

- Ordered Pair

- Substitute

Apply New Learning:

1. What methods can be used to solve an equation or inequality?

2. What factors should be considered when deciding upon a method to solve an equation or inequality?

3. Which ordered pair is a solution to the equation $-2x + 3y = 12$?
   a. (-2, 2)
   b. (-1, 1)
   c. (2, 2)
   d. (0, 4)

4. Which method did you choose to solve question #3? Why did you choose this method?

5. Describe a different method you could use to solve the same problem.