Name_____ Date_____

Check My Steps

Start with the inequality 5 < 10 each time.
Perform the same operation to each side. Repeat three times, trying different types
of numbers (e.g., positive and negative integers, decimals, and fractions).

- 5 < 10
  Add the same amount to both sides.

  Are the resulting inequalities still true?

- 5 < 10
  Subtract the same amount from both sides.

  Are the resulting inequalities still true?

- 5 < 10
  Multiply both sides by the same amount.

  Are the resulting inequalities still true?

- 5 < 10
  Divide both sides by the same amount.

  Are the resulting inequalities still true?

- What changes do you think you need to make to your strategies for solving equations
  to solve inequalities?