Name: _____ Date: _____

9.2 Warm Up

1. Solve for each variable. Check your answers.

   a) $x - 12 = -4$ — What is the opposite of subtracting?

   b) $y + 1.6 = 2.7$ — What is the opposite of adding?

   Check:

Left Side	Right Side
$x - 12$	-4
$=$ _____ $- 12$	
$=$ _____	

   Check:

Left Side	Right Side

   c) $3x = -90$ — What is the opposite of multiplying?

   d) $\dfrac{x}{9} = 1.2$ — What is the opposite of dividing?

   Check:

Left Side	Right Side

   Check:

Left Side	Right Side

   $<, >, \leq, \geq, \neq$

2. Write the inequality sign for the following:

   a) a minimum of _____

   b) at least _____

   c) fewer than _____

   d) a maximum of _____

   e) must exceed _____

   f) not equal to _____