Homework: _____

Learning Targets:

      2b.   Understanding of how to solve and graph simple inequalities on a number line

When you multiply or divide by a _____ you must _____ the inequality!!!!

      Inverse Operation for Multiplication ➔ _____

      $2x > 12$ $-3x \leq -1$ $-32 > 4x$

      Inverse Operation for Division ➔ _____

      $\frac{x}{4} > -2$ $\frac{x}{-3} < -4$ $3 < -\frac{2}{3}x$

Write and solve an inequality for each verbal statement.

Twice a number is greater than fourteen.   The ratio of a number and negative four is less than negative five.