

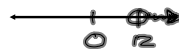
Algebra I

6-2

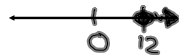
Solving Linear Inequalities

Solve and graph the following:

1) $\frac{x}{4} > 3$ $\cdot 4$
 $x > 12$



3) $-\frac{1}{3}x \leq -4$ $\cdot (-3)$
 $x \geq 12$



2) $\frac{-2x}{-2} < \frac{18}{-2}$ *when mult. or dividing by a negative, switch the inequality.*
 $x > -9$



4) $\frac{10x}{10} \leq \frac{140}{10}$
 $x \leq 14$



Assignment:
pg 366
4-34 even,
36, 37, 39, 40