34 Inequalities

less less than greater greater than or equally than then are well the Sign when you multiple as divide both sides by

multiply or divide both sides by a negative.

Ex:
$$2x+325$$
 $2x+325$
 $2x+325$

$$-\frac{4}{4} \times 72$$

$$\times -\frac{1}{2}$$

$$\frac{Ex}{-2} < \frac{2x+3}{-3} < \frac{7}{-3}$$
 $\frac{-5}{2} < \frac{2x}{2} < \frac{4}{2}$
 $\frac{-5}{2} < x < 2$
 $\frac{-5}{2} < x < 2$

$$X \leq -4$$
 or $x > 2$

HW: 210 P. 2-70 even

