

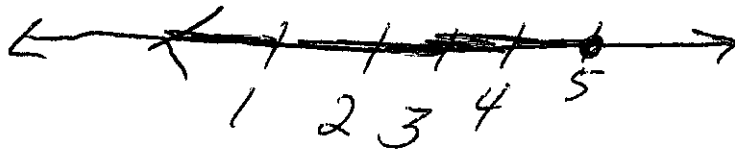
$$3x + 6 \leq 18$$

$$+ -6 \quad + -6$$

$$3x \leq 12$$

$$\frac{3x}{3} \leq \frac{12}{3}$$

$$x \leq 4$$



$$-2x + 6 > 14$$

$$+ -6 \quad + -6$$

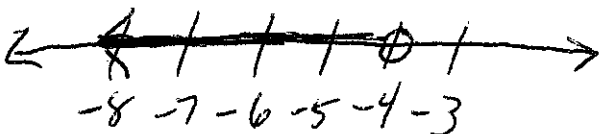
$$-2x > 8$$

$$\frac{-2x}{-2} \textcircled{>} \frac{8}{-2}$$

$$x < -4$$

$$x < -4$$

BECAUSE WE DIVIDED
BY A NEGATIVE
NUMBER WE
HAVE TO FLIP
THE SIGN.

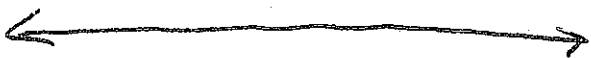


SOLVE FOR X & GRAPH SOLUTIONS.

(REMEMBER TO CHANGE YOUR SIGN IF MULTIPLYING OR DIVIDING BY A NEGATIVE NUMBER)

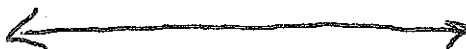
① $5x + 6 \leq 26$

② $9x + 7 > 70$



③ $12x + 3 < 39$

④ $\frac{1}{2}x - 6 \geq -4$



⑤ $-6x + 3 > 39$

⑥ $\frac{3}{4}x - 6 \leq 9$



⑦ $-5x - 4 > 21$

⑧ $8x - 4 \geq 28$

