

$$20.) \quad |x - \text{midpoint}| = \text{distance to midpoint}$$

$$2000 \quad 2500 \quad 3000 \text{psi}$$

$$\quad \quad \quad -500 \quad \quad +500$$

$$2000 \leq n \leq 3000$$

open sentence
absolute
value

$$|x - 2500| = 500$$

30.) $m = \text{monthly total}$

$$\begin{array}{cccc} 7 & 10 & 13 & \\ -3 & & +3 & \end{array}$$
$$7 \leq m \leq 13$$
$$|x - 10| = 3$$

$$32.) \quad |x - 0| = 2$$

$$|x| < 2$$



$$33.) \quad |x - (-1)| \leq 4$$

$$|x + 1| \leq 4$$

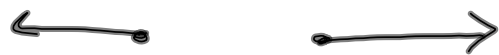
open sentence inequality



34.)

$$|x - (-1)| \geq 2$$

$$|x + 1| \geq 2$$



\geq



$>$

$$24.) \left| \frac{2p-8}{4} \right| \geq 9$$

$$\# \cdot \frac{2p-8}{4} \geq 9 \quad \# \cdot -\left(\frac{2p-8}{4}\right) \geq 9.4$$

$$2p-8 \geq 36$$

$$2p \geq 44$$

$$p \geq 22$$

$$-(2p-8) \geq 36$$

$$-2p+8 \geq 36$$

$$-2p \geq 28$$

$$p \leq -14$$

$$p \leq -22$$

$$38.) \quad |x - 7.5| \leq 0.3$$

