

$$25. 2y - 6y + 8 \leq 2(-2y + 9) \quad /: 2 \text{ \& positivo!}$$

$$y - 3y + 4 \leq -2y + 9$$

$$-2y + 4 \leq -2y + 9 \quad /+2y$$

$$4 \leq 9 \text{ cierto}$$

$$\begin{array}{c} \text{---}x\text{---} = a \cdot x\text{---} \\ | \\ \vdots \\ 2 = 2 \end{array}$$

Conclusión: la desigualdad la satisface todos los valores de y .

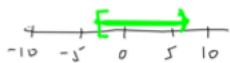
$$38. -16 < 5 - 3n \leq 13 \quad /-5$$

$$-16 - 5 < \cancel{5} - 3n - \cancel{5} \leq 13 - 5$$

$$-21 < -3n \leq 8 \quad /: (-3)$$

$$\frac{-21}{-3} > \frac{-3n}{-3} \geq \frac{8}{-3}$$

$$7 > n \geq -\frac{8}{3}$$



$$n \in [-\frac{8}{3}, 7)$$

$$\left. \begin{array}{l} n=0? \\ -16 < 5 \leq 13 \\ \checkmark \quad \checkmark \\ \checkmark \end{array} \right\} \text{negativo!}$$

$$44. \frac{3}{5} < \frac{-x-5}{3} < 2 \quad / \cdot 15 \quad \text{Pos.} \quad (\odot)$$

$$3 \cdot \frac{3}{5} < \frac{5}{5} \cdot \frac{-x-5}{3} < 15 \cdot 2$$

$$9 < 5(-x-5) < 30$$

$$9 < -5x - 25 < 30 \quad /+25$$

$$9+25 < -5x - \cancel{25} + \cancel{25} < 30+25$$

$$34 < -5x < 55 \quad /+(-5) \quad \text{negativo}$$

$$\boxed{-\frac{34}{5} > x > -11}, x \in (-11, -\frac{34}{5}) \quad (\odot)$$

