

- 13) Jalen makes \$14 per hour babysitting plus a flat rate of \$5 for gas. Write a function. Name the slope and y-intercept.

$$y = 14x + 5 \quad 14, (0, 5)$$

- 14) Does the point (2, 7) fall on the graph

$$y = 5x - 3$$

$$7 = 5 \cdot 2 - 3$$

yes

$$7 = 10 - 3$$

$$7 = 7$$

- 15) Find the slope that passes through the points (-1, 4) (2, 3)

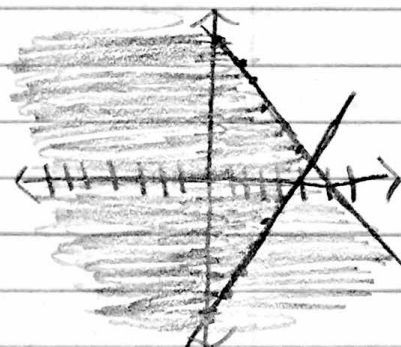
$$\frac{3-4}{2-(-1)} = -\frac{1}{3}$$

- 16) Graph  $\begin{cases} x+y \leq 7 \\ x-y \leq 7 \end{cases}$

$$y \leq -x + 7$$

$$x \leq y + 7$$

$$y \geq x - 7$$



- 17) Solve and Graph on a number line

$$10x + 5 > 12x - 5$$

$$-12x \quad -12x$$

$$-2x + 5 > -5$$

$$+5 \quad -5$$

$$\frac{-2x > -10}{\frac{-2}{-2} \quad \frac{-10}{-2}}$$

$$x < 5$$

