

INECUACIONES DE PRIMER GRADO

1. Resuelve las siguientes inecuaciones lineales:

a) $3(x - 1) + 2(1 + x) \geq x + 7$

$$\boxed{} \geq \boxed{}$$

$$\boxed{} \geq \boxed{}$$

$$\boxed{} \geq \boxed{}$$

$$\boxed{} \geq \boxed{}$$

Sol: $\boxed{}$

b) $\frac{3x-2}{2} \leq \frac{2x+7}{3}$

$$3(\boxed{}) \leq 2(\boxed{})$$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

Sol: $\boxed{}$

2. Resuelve las siguientes inecuaciones lineales:

a) $3(x - 4) - 2(x + 1) \leq 1$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

$$x \leq \boxed{}$$

Sol: $x \in \boxed{}$

b) $\frac{2x-1}{3} - 2 < x - \frac{x+1}{2}$

$$\frac{2(\boxed{})}{6} - \frac{\boxed{}}{6} < \frac{\boxed{}}{6} - \frac{3(\boxed{})}{6}$$

$$2(\boxed{}) - \boxed{} < \boxed{} - 3(\boxed{})$$

$$\boxed{} < \boxed{}$$

$$\boxed{} < \boxed{}$$

$$x < \boxed{}$$

Sol: $x \in \boxed{}$

3. Resuelve las siguientes inecuaciones lineales:

a) $2x - 1 \leq x - 3(x - 1)$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

$$\boxed{} \leq \boxed{}$$

$$x \leq \boxed{}$$

Sol: $x \in \boxed{}$

b) $x \geq \frac{x-1}{3} - \frac{x+3}{2}$

$$\frac{\boxed{}}{6} \geq \frac{2(\boxed{})}{6} - \frac{3(\boxed{})}{6}$$

$$\boxed{} \geq 2(\boxed{}) - 3(\boxed{})$$

$$\boxed{} \geq \boxed{}$$

$$\boxed{} \geq \boxed{}$$

$$\boxed{} \geq \boxed{}$$

$$x \geq \frac{\boxed{}}{\boxed{}}$$

Sol: $x \in \boxed{}$