

· DISEQUAZIONI DI PRIMO GRADO

$$ax + b > 0$$

$$ax > -b$$

$$\text{se } a > 0 \rightarrow \frac{ax}{a} > -\frac{b}{a}$$

$$\text{se } a < 0 \rightarrow -ax < b \Rightarrow$$

$$\rightarrow \frac{-ax}{-a} < \frac{b}{-a}$$

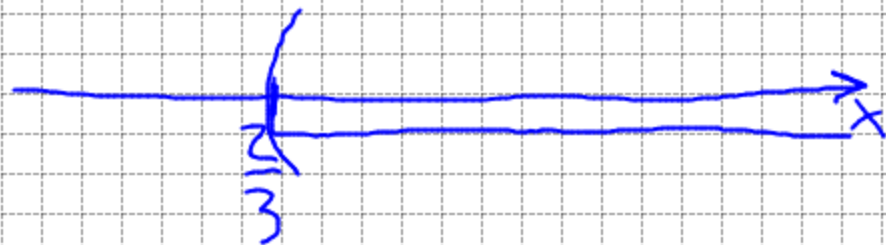
$$\rightarrow x < -\frac{b}{a}$$

ESEMPIO

1) $3x - 2 > 0$

$$3x > 2$$

$$\frac{3x}{3} > \frac{2}{3} \quad x > \frac{2}{3}$$



2) $-3x - 2 > 0$ $-3x > 2$ $3x < -2$ $\frac{3x}{3} < -\frac{2}{3}$

$$x < -\frac{2}{3}$$

