



$$3 > 1$$

$$2 < 3$$

$$-3 < -1$$

$$2 + 1 < 3 + 1 \quad \leftarrow \text{compatibilidad con la suma}$$

$$2 > -2$$

$$2 \cdot 1 < 3 \cdot 1$$

$$-3 < 0$$

$$\left. \begin{array}{l} 2 \cdot 1 < 3 \cdot 1 \\ -2 > -3 \end{array} \right\} \rightarrow \text{compatibilidad con el producto}$$

$$0 = 0$$

$$\frac{7}{8} \text{ y } \frac{5}{6}$$

$$\begin{array}{cc} 7 \cdot 6 & 5 \cdot 8 \\ \parallel & \parallel \\ 42 & 40 \end{array} >$$

$$\Rightarrow \frac{7}{8} > \frac{5}{6}$$

↑
implica

$$-\frac{2}{3} > -\frac{1}{8}$$

$$-2 \cdot 8 \quad -1 \cdot 3$$

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$$-16 < -3$$

$$-\frac{2}{3} < -\frac{1}{8}$$