Exercise 38

Inequalities State whether each inequality is true or false.

$$\text{(a)} \quad \frac{7}{11} \geq \frac{8}{13} \qquad\qquad\qquad \text{(b)} \quad -\frac{3}{5} > -\frac{3}{4}$$

Solution

$7/11 \approx 0.64$ and $8/13 \approx 0.62$, so $7/11 \geq 8/13$ is true.

$-3/5 = -0.6$ and $-3/4 = -0.75$, so $-3/5 > -3/4$ is false.