## Exercise 38

Inequalities State whether each inequality is true or false.
(a) $\frac{7}{11} \geq \frac{8}{13}$
(b) $-\frac{3}{5}>-\frac{3}{4}$

## 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.

