## Exercise 38

**Inequalities** State whether each inequality is true or false.

(a) 
$$\frac{7}{11} \ge \frac{8}{13}$$
 (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.