

## Inequalities with Fractions

Key is to make common denominators to compare fractions

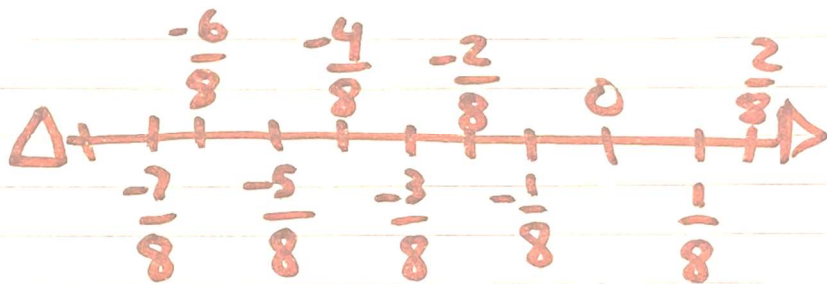
example

Which is greater  $-\frac{3}{4}$  or  $-\frac{5}{8}$

$$\frac{3}{4} = \frac{\quad}{8}$$

$$\frac{3}{4} \stackrel{\times 2}{=} \frac{6}{8}$$

$$-\frac{3}{4} = -\frac{6}{8}$$



$$-\frac{3}{4} < -\frac{5}{8}$$

$$-\frac{6}{8} < -\frac{5}{8}$$