# Worksheet #3

## Comparing Rational Numbers

**MeandMath**
BELIEVE YOURSELF

**Learning Goal:** Students will be able to compare Rational Numbers.

**Example:**

$$\frac{7}{6}, \frac{5}{6}, \frac{1}{6} = \frac{1}{6} < \frac{5}{6} < \frac{7}{6}$$

a) $\dfrac{-11}{3}, \dfrac{-2}{3}, \dfrac{-1}{3} = \dfrac{\square}{\square} < \dfrac{\square}{\square} < \dfrac{\square}{\square}$

b) $\dfrac{-7}{4}, \dfrac{-11}{4}, \dfrac{5}{4} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

c) $\dfrac{-10}{7}, \dfrac{18}{7}, \dfrac{-11}{7} = \dfrac{\square}{\square} < \dfrac{\square}{\square} < \dfrac{\square}{\square}$

d) $\dfrac{-4}{9}, \dfrac{-23}{9}, \dfrac{-13}{9} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

e) $\dfrac{-11}{6}, \dfrac{-7}{6}, \dfrac{-17}{6} = \dfrac{\square}{\square} < \dfrac{\square}{\square} < \dfrac{\square}{\square}$

f) $\dfrac{7}{8}, \dfrac{-15}{8}, \dfrac{5}{8} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

### Worksheet #3(Answers)

## Comparing Rational Numbers

**MeandMath**
BELIEVE YOURSELF

**Learning Goal:** Students will be able to compare Rational Numbers.

**Example:**

$$\frac{7}{6}, \frac{5}{6}, \frac{1}{6} = \frac{1}{6} < \frac{5}{6} < \frac{7}{6}$$

a) $\frac{-11}{3}, \frac{-2}{3}, \frac{-1}{3} = \frac{-11}{3} < \frac{-2}{3} < \frac{-1}{3}$

b) $\frac{-7}{4}, \frac{-11}{4}, \frac{5}{4} = \frac{5}{4} > \frac{-7}{4} > \frac{-11}{4}$

c) $\frac{-10}{7}, \frac{18}{7}, \frac{-11}{7} = \frac{-11}{7} < \frac{-10}{7} < \frac{18}{7}$

d) $\frac{-4}{9}, \frac{-23}{9}, \frac{-13}{9} = \frac{-4}{9} > \frac{-13}{9} > \frac{-23}{9}$

e) $\frac{-11}{6}, \frac{-7}{6}, \frac{-17}{6} = \frac{-17}{6} < \frac{-11}{6} < \frac{-7}{6}$

f) $\frac{7}{8}, \frac{-15}{8}, \frac{5}{8} = \frac{7}{8} > \frac{5}{8} > \frac{-15}{8}$