

Name: _____

Grade: _____

Score: _____

Worksheet #9

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

$$\frac{11}{4}, \frac{2}{4}, \frac{1}{4}, \frac{7}{4} = \frac{1}{4} < \frac{2}{4} < \frac{3}{4} < \frac{11}{4}$$

$$a) \frac{-12}{7}, \frac{-2}{7}, \frac{-5}{7}, \frac{1}{7} = \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$$

$$b) \frac{-12}{13}, \frac{-2}{13}, \frac{-5}{13}, \frac{-6}{13} = \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$$

$$c) \frac{-2}{15}, \frac{-7}{15}, \frac{-4}{15}, \frac{-22}{15} = \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$$

$$d) \frac{-11}{19}, \frac{-2}{19}, \frac{-21}{19}, \frac{-17}{19} = \frac{\square}{\square} > \frac{\square}{\square} > \frac{\square}{\square} > \frac{\square}{\square}$$

$$e) \frac{-11}{9}, \frac{-22}{9}, \frac{-7}{9}, \frac{-13}{9} = \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$$

$$f) \frac{-51}{6}, \frac{13}{6}, \frac{-23}{6}, \frac{17}{6} = \frac{\square}{\square} > \frac{\square}{\square} > \frac{\square}{\square} > \frac{\square}{\square}$$

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Worksheet #9(Answers)

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

$$\frac{11}{4}, \frac{2}{4}, \frac{1}{4}, \frac{7}{4} = \frac{1}{4} < \frac{2}{4} < \frac{3}{4} < \frac{11}{4}$$

$$a) \frac{-12}{7}, \frac{-2}{7}, \frac{-5}{7}, \frac{1}{7} = -\frac{12}{7} < -\frac{5}{7} < -\frac{2}{7} < \frac{1}{7}$$

$$b) \frac{-12}{13}, \frac{-2}{13}, \frac{-5}{13}, \frac{-6}{13} = -\frac{12}{13} < -\frac{6}{13} < -\frac{5}{13} < -\frac{2}{13}$$

$$c) \frac{-2}{15}, \frac{-7}{15}, \frac{-4}{15}, \frac{-22}{15} = -\frac{22}{15} < -\frac{7}{15} < -\frac{4}{15} < -\frac{2}{15}$$

$$d) \frac{-11}{19}, \frac{-2}{19}, \frac{-21}{19}, \frac{-17}{19} = -\frac{21}{19} > -\frac{17}{19} > -\frac{11}{19} > -\frac{2}{19}$$

$$e) \frac{-11}{9}, \frac{-22}{9}, \frac{-7}{9}, \frac{-13}{9} = -\frac{22}{9} < -\frac{13}{9} < -\frac{11}{9} < -\frac{7}{9}$$

$$f) \frac{-51}{6}, \frac{13}{6}, \frac{-23}{6}, \frac{17}{6} = -\frac{51}{6} > -\frac{23}{6} > -\frac{13}{6} > -\frac{17}{6}$$