Worksheet #4

MeandMath
BELIEVE YOURSELF

Comparing Rational Numbers

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

Example:

$$\frac{7}{2}, \frac{5}{3}, \frac{-1}{6} = \frac{21}{6} > \frac{10}{6} > \frac{-1}{6}$$

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a) $\dfrac{-1}{4}, \dfrac{-2}{5}, \dfrac{-3}{2} = \dfrac{\square}{\square} < \dfrac{\square}{\square} < \dfrac{\square}{\square}$

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b) $\dfrac{-11}{4}, \dfrac{2}{3}, \dfrac{-7}{2} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

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c) $\dfrac{-1}{4}, \dfrac{-2}{5}, \dfrac{1}{2} = \dfrac{\square}{\square} < \dfrac{\square}{\square} < \dfrac{\square}{\square}$

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d) $\dfrac{-1}{4}, \dfrac{-2}{5}, \dfrac{-1}{2} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

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e) $\dfrac{-1}{3}, \dfrac{-2}{5}, \dfrac{-3}{2} = \dfrac{-3}{2} < \dfrac{-2}{5} < \dfrac{-1}{3}$

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f) $\dfrac{-7}{6}, \dfrac{7}{5}, \dfrac{-7}{2} = \dfrac{\square}{\square} > \dfrac{\square}{\square} > \dfrac{\square}{\square}$

Worksheet #4(Answers)

Comparing Rational Numbers

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

Example:

$$\frac{7}{2}, \frac{5}{3}, \frac{-1}{6} = \frac{21}{6} > \frac{10}{6} > \frac{-1}{6}$$

a) $\frac{-1}{4}, \frac{-2}{5}, \frac{-3}{2} = \frac{-3}{2} < \frac{-2}{5} < \frac{-1}{4}$

b) $\frac{-11}{4}, \frac{2}{3}, \frac{-7}{2} = \frac{2}{3} > \frac{-11}{4} > \frac{-7}{2}$

c) $\frac{-1}{4}, \frac{-2}{5}, \frac{1}{2} = \frac{-2}{5} < \frac{-1}{4} < \frac{1}{2}$

d) $\frac{-1}{4}, \frac{-2}{5}, \frac{-1}{2} = \frac{-1}{4} > \frac{-2}{5} > \frac{-1}{2}$

e) $\frac{-1}{3}, \frac{-2}{5}, \frac{-3}{2} = \frac{-3}{2} < \frac{-2}{5} < \frac{-1}{3}$

f) $\frac{-7}{6}, \frac{7}{5}, \frac{-7}{2} = \frac{7}{5} > \frac{-7}{6} > \frac{-7}{2}$