

Rational Numbers and BEDMAS

Recall:

1. Addition and Subtraction - common denominator required

a) $-\frac{2}{9} + \left(\frac{5}{-6}\right)$

b) $-\left(\frac{-3}{8}\right) - \left(\frac{-5}{-6}\right)$

c) $5\frac{1}{2} - 2\frac{2}{3}$

2. Multiplication and Division - no common denominator required

a) $\left(\frac{4}{-7}\right) \times \left(\frac{-3}{-5}\right)$

b) $-\frac{2}{5} \times \left(-1\frac{3}{7}\right)$

c) $-\frac{2}{3} \div \left(\frac{-4}{-5}\right)$

3. BEDMAS

Evaluate.

a) $-2\frac{1}{3} + \left(\frac{3}{-4}\right) \times \left(-1\frac{5}{6}\right)$

b) $\frac{4}{5} \times \left[\frac{3}{8} + \left(\frac{-7}{4}\right)\right]$

c) $\frac{-6}{5} + \frac{10}{-3} \times \frac{-3}{5}$

d) $-2\frac{1}{2} \div \left[\left(\frac{-3}{4}\right) + \left(\frac{4}{-3}\right)\right]$