

Adding & Subtracting Fractions

When you add or subtract fractions, you need to have a common denominator. You use a Giant One to find the common denominator. The Giant One is called Multiplicative Identity.

$$\begin{array}{l} \frac{1}{6} \cdot \frac{4}{4} = \frac{4}{24} \\ \frac{1}{2} \cdot \frac{12}{12} = \frac{12}{24} \\ + \frac{3}{8} \cdot \frac{3}{3} = \frac{9}{24} \\ \hline \frac{25}{24} = 1\frac{1}{24} \end{array}$$

$$\begin{array}{l} \frac{6}{7} \cdot \frac{3}{3} = \frac{18}{21} \\ - \frac{2}{3} \cdot \frac{7}{7} = \frac{14}{21} \\ \hline \frac{4}{21} \end{array}$$