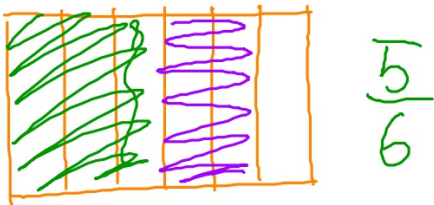


$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$



$$\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$$

$$\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$$

$$\frac{3}{4} + \frac{2}{4} - \frac{7}{4} = \frac{-2}{4}$$

$$\frac{3}{4} + \frac{2}{8} - \frac{3}{12} = \frac{18}{24} + \frac{6}{24} - \frac{6}{24} = \frac{18}{24}$$

$$\begin{aligned} 4 &= 2^2 \textcircled{3} \\ 8 &= 2^3 \textcircled{3} \\ 12 &= 2^2 \textcircled{3} \end{aligned}$$

$$\text{mcm} = 2^3 \cdot 3 = 8 \cdot 3 = 24$$

$$\frac{4}{8} + \frac{8}{6} - \frac{2}{1} = \frac{12}{24} + \frac{32}{24} - \frac{48}{24} = \frac{-4}{24}$$

$$8 = 2^3$$

$$6 = 2 \cdot 3$$

$$1 = 1$$

$$\text{lcm} = 2^3 \cdot 3 \cdot 1 = 8 \cdot 3 \cdot 1 = 24$$