

$$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

1/8	1/8
1/8	1/8
1/8	1/8
1/8	1/8

$$\frac{8}{6} - \frac{3}{6} = \frac{5}{6}$$

$$\frac{7}{6} + \frac{3}{8} = \frac{28}{24} + \frac{9}{24} = \frac{37}{24}$$

$$6 = 2 \cdot (3)$$

$$8 = (2^3) \quad \text{lcm} = 2^3 \cdot 3 = 8 \cdot 3 = 24$$

$$\frac{4}{6} + \frac{2}{12} - \frac{7}{18} = \frac{24}{36} + \frac{6}{36} - \frac{14}{36} = \frac{16}{36}$$

$$6 = 2 \cdot 3$$

$$12 = 2^2 \cdot 3$$

$$18 = 2 \cdot 3^2$$

$$\text{lcm} = 2^2 \cdot 3^2 = 4 \cdot 9 = 36$$

$$\frac{3}{6} - \left(\frac{4}{2} + \frac{3}{8} \right) + \left(\frac{5}{6} - \frac{4}{4} \right) =$$

$$\frac{12}{24} - \left(\frac{48}{24} + \frac{9}{24} \right) + \left(\frac{20}{24} - \frac{24}{24} \right) =$$

$$\frac{12}{24} - \left(\frac{57}{24} \right) + \left(\frac{-4}{24} \right) = \frac{-49}{24}$$

$$6 = 2 \cdot 3$$

$$2 = 2$$

$$8 = 2^3$$

$$4 = 2^2$$

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