

$$\frac{2}{6} < \frac{3}{6}$$

$$\frac{3}{5} > \frac{3}{6}$$

$$\frac{\cancel{3}}{4} \quad \frac{\cancel{7}}{12}$$

$$\frac{2}{4}$$

$$\frac{3}{6}$$

$$\begin{array}{cc} \frac{5}{8} & \frac{7}{12} \\ \times 3 & \\ \frac{15}{24} & \frac{14}{24} \end{array}$$

$$\frac{7 \times 2}{12 \times 2} = \frac{14}{24}$$

$$\begin{array}{r|l} 8 & 2 \\ & 2 \\ & 2 \\ & 1 \\ \hline 12 & 2 \\ & 2 \\ & 3 \\ & 3 \\ & 1 \\ \hline \end{array}$$

$$8 = 2^3$$

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

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

$$\frac{3}{6} \quad \frac{4}{15}$$

$$6 = 2 \cdot 3$$

$$15 = 3 \cdot 5$$

$$\text{mcm} = 2 \cdot 3 \cdot 5 = 30$$

$$\frac{3 \times 5}{6 \times 5} \quad \frac{15}{30}$$

$$\frac{4}{15 \times 2} \quad \frac{8}{30}$$

$$\frac{15}{30} \quad \frac{8}{30}$$

$$\frac{1}{2} \quad \frac{13}{18} \quad \frac{2}{6}$$

$$\begin{aligned} 2 &= 2 \\ 18 &= 2 \cdot 3^2 \\ 6 &= 2 \cdot 3 \end{aligned}$$

$$\frac{9}{18} \quad \frac{13}{18} \quad \frac{6}{18}$$

$$\text{mcm} = 2 \cdot 3^2 = 2 \cdot 9 = 18$$