

## Fractions – Exercices corrigés

- Somme

$$\frac{15}{4} + \frac{11}{6} = \frac{15 \times 3}{4 \times 3} + \frac{11 \times 2}{6 \times 2} = \frac{45}{12} + \frac{22}{12} = \frac{67}{12}$$

$$\frac{15}{4} - \frac{11}{6} = \frac{15 \times 3}{4 \times 3} - \frac{11 \times 2}{6 \times 2} = \frac{45}{12} - \frac{22}{12} = \frac{23}{12}$$

- Produit

$$\frac{5}{8} \times \frac{7}{12} = \frac{5 \times 7}{8 \times 12} = \frac{35}{96}$$

$$\frac{5}{8} \times 3 = \frac{5 \times 3}{8} = \frac{15}{8}$$

- Division

Diviser = multiplier par l'inverse

$$\frac{5}{8} \div \frac{7}{12} = \frac{5}{8} \times \frac{12}{7} = \frac{5 \times 12}{8 \times 7} = \frac{5 \times 3}{2 \times 7} = \frac{15}{14}$$