

Operacions amb fraccions

1. Troba l'expressió decimal de cada fracció

$$\frac{45}{100} = \square \quad \frac{3}{100} = \square \quad \frac{25}{10} = \square \quad \frac{1}{1.000} = \square$$

$$\frac{2}{8} = \square \quad \frac{3}{6} = \square \quad \frac{9}{12} = \square \quad \frac{2}{5} = \square$$

2. Calcula la fracció d'un nombre.

$$\frac{3}{4} \text{ de } 60 \longrightarrow 60 : 4 = \square \times 3 = \square$$

$$\frac{2}{5} \text{ de } 45 \longrightarrow 45 : 5 = \square \times 2 = \square$$

$$\frac{4}{6} \text{ de } \square = 16 \longrightarrow 16 : 4 = \square \times 6 = \square \longleftarrow \square$$

$$\frac{3}{5} \text{ de } \square = 12 \longrightarrow 12 : 3 = \square \times 5 = \square \longleftarrow \square$$

$$\frac{5}{6} \text{ de } 30 = \square \quad \frac{5}{6} \text{ de } \square = 25 \longrightarrow ? = \square$$

3. Calcula les següents operacions de fraccions

$$\frac{5}{6} + \frac{3}{4} = \frac{\boxed{} + \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{6}{8} - \frac{2}{4} = \frac{\boxed{} - \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{5} + \frac{1}{2} - \frac{2}{10} = \frac{\boxed{} + \boxed{} - \boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{2}{6} \times \frac{3}{4} = \frac{\boxed{}}{\boxed{}} \xrightarrow{\text{Calcula la fracció irreductible}} \frac{\boxed{}}{\boxed{}}$$

$$\frac{3}{5} \times \frac{2}{6} = \frac{\boxed{}}{\boxed{}} \xrightarrow{\text{Calcula la fracció irreductible}} \frac{\boxed{}}{\boxed{}}$$

$$\frac{1}{3} : \frac{2}{4} = \frac{\boxed{}}{\boxed{}} \times \left(\frac{\boxed{}}{\boxed{}} \right) = \frac{\boxed{}}{\boxed{}} \xrightarrow{\text{Irreductible}} \frac{\boxed{}}{\boxed{}}$$

$$\frac{2}{5} : \frac{4}{5} = \frac{\boxed{}}{\boxed{}} \times \left(\frac{\boxed{}}{\boxed{}} \right) = \frac{\boxed{}}{\boxed{}} \xrightarrow{\text{Irreductible}} \frac{\boxed{}}{\boxed{}}$$

4. Calcula les següents operacions combinades

$$\frac{3}{5} \times \left(\frac{2}{6} + \frac{1}{3} \right) = \frac{3}{5} \times \frac{\boxed{} + \boxed{}}{\boxed{}} = \frac{3}{5} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{1}{4} \times \left(\frac{4}{6} - \frac{1}{3} \right) = \frac{1}{4} \times \frac{\boxed{} - \boxed{}}{\boxed{}} = \frac{1}{4} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{2}{4} \times \frac{1}{3} : \frac{1}{4} : \frac{2}{3} = \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$