

1. Indiqueu si les següents fraccions són equivalents.

$$a. \frac{4}{6} \text{ i } \frac{14}{21}$$

$$b. \frac{10}{6} \text{ i } \frac{15}{12}$$

$$c. \frac{7}{4} \text{ i } \frac{21}{12}$$

$$d. \frac{9}{6} \text{ i } \frac{15}{10}$$

$$e. \frac{30}{9} \text{ i } \frac{20}{6}$$

$$f. \frac{14}{20} \text{ i } \frac{32}{50}$$

2. Suma o resta les següents fraccions. Pensau a simplificar el resultat.

$$a. \frac{2}{7} - \frac{3}{7} =$$

$$b. \frac{-5}{8} + \frac{7}{16} =$$

$$c. \frac{3}{4} + \frac{5}{14} =$$

$$d. \frac{-3}{2} + \frac{-5}{4} =$$

$$e. \frac{7}{15} - \frac{3}{6} =$$

$$f. \frac{9}{5} - \frac{3}{2} =$$

3. Realitzeu les següents operacions combinades.

$$a. \frac{3}{4} + \frac{2}{3} \cdot \frac{1}{4} =$$

$$b. \left(\frac{3}{4} + \frac{2}{3} \right) \cdot \frac{1}{4} =$$

$$c. -\frac{3}{4} + \frac{2}{3} \cdot \left(-\frac{1}{4} \right) =$$

$$d. \frac{7}{4} - \frac{5}{8} - \frac{2}{3} =$$

$$e. 9 - 4 \cdot \left(\frac{4}{4} + \frac{6}{5} \right) =$$

$$f. 3 - \left(\frac{5}{2} - 1 + \frac{5}{4} \right) =$$