

FICHA 1

1. Indica si los siguientes pares de fracciones son equivalentes. Completa con SÍ o NO:

a) $\frac{2}{3}$ y $\frac{1}{2}$

b) $\frac{16}{25}$ y $\frac{20}{30}$

c) $\frac{48}{16}$ y $\frac{24}{72}$

2. Escribe las fracciones irreducibles de las siguientes fracciones:

a) $\frac{40}{72} = \frac{\quad}{\quad}$

c) $\frac{60}{75} = \frac{\quad}{\quad}$

b) $\frac{36}{48} = \frac{\quad}{\quad}$

d) $\frac{200}{140} = \frac{\quad}{\quad}$

3. Ordena de menor a mayor:

a) $\frac{3}{4}, \frac{4}{5}, \frac{7}{10} \rightarrow \frac{\quad}{\quad} < \frac{\quad}{\quad} < \frac{\quad}{\quad}$

b) $\frac{1}{3}, \frac{3}{10}, \frac{17}{50}, \frac{2}{5} \rightarrow \frac{\quad}{\quad} < \frac{\quad}{\quad} < \frac{\quad}{\quad} < \frac{\quad}{\quad}$

c) $\frac{11}{12}, \frac{13}{15}, \frac{9}{20}, \frac{23}{30} \rightarrow \frac{\quad}{\quad} < \frac{\quad}{\quad} < \frac{\quad}{\quad} < \frac{\quad}{\quad}$

4. Realiza estas sumas, completando los huecos:

a) $\frac{2}{3} + \frac{1}{2} - \frac{5}{6} = \frac{\quad}{\quad} + \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$

c) $\frac{1}{12} - 2 + \frac{3}{4} = \frac{\quad}{\quad} - \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

b) $\frac{3}{4} - \frac{2}{5} - \frac{7}{2} = \frac{\quad}{\quad} - \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$

d) $\frac{2}{5} - \frac{1}{4} + \frac{7}{3} = \frac{\quad}{\quad} - \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. Multiplica:

a) $\left(\frac{2}{3}\right) \cdot \left(\frac{-5}{7}\right) = \frac{\quad}{\quad}$

b) $\frac{3}{4} \cdot \left(\frac{-1}{2}\right) : \frac{2}{3} = \frac{\quad}{\quad}$

c) $\frac{-9}{2} : \frac{1}{4} \cdot 7 = \frac{\quad}{\quad}$

6. Calcula:

a) $\left(\frac{2}{3}\right)^3 = \frac{\quad}{\quad}$

b) $\left(\frac{3}{4}\right)^2 = \frac{\quad}{\quad}$

c) $\left(\frac{7}{8}\right)^4 = \frac{\quad}{\quad}$

