



Ejercicios Fracciones 2° ESO

1. Calcula y simplifica

a) $\frac{1}{4} + \frac{1}{3}$ b) $\frac{3}{5} - \frac{1}{4}$ c) $\frac{16}{5} - 3$ d) $\frac{7}{15} - \frac{3}{10}$ e) $\frac{1}{4} + \frac{1}{16}$ f) $\frac{7}{20} - \frac{4}{15}$

2. Calcula y simplifica

b) $\frac{5}{9} + \frac{5}{6} - \frac{7}{18}$
c) $\frac{4}{6} - \frac{1}{10} - \frac{1}{5}$
d) $\frac{3}{4} - \frac{7}{10} - \frac{4}{5}$

3. Calcula y simplifica

a) $1 - \left(\frac{1}{4} + \frac{3}{5}\right)$
b) $\frac{3}{5} + \left(\frac{1}{6} - \frac{2}{3}\right)$
c) $\left(\frac{1}{2} + \frac{1}{3}\right) - \left(\frac{1}{4} + \frac{1}{6}\right)$
d) $\left(\frac{2}{3} + \frac{1}{6}\right) - \left(\frac{1}{4} - \frac{5}{3}\right)$
e) $\left(1 - \frac{1}{7}\right) - \left(\frac{9}{14} - \frac{3}{7}\right)$

4. Calcula y simplifica

a) $\frac{1}{2} : \left(\frac{1}{4} + \frac{1}{3}\right)$

$$\text{b) } \left(\frac{5}{3}-1\right)\left(\frac{7}{2}-2\right)$$

$$\text{c) } \left[\left(\frac{2}{5}-\frac{3}{10}\right)-2\left(\frac{2}{3}-2\right)\right]:\left(\frac{1}{3}-1\right)$$

$$\text{d) } \left[\left(-\frac{4}{15}\right)\cdot\frac{5}{8}\right]:\left(-\frac{1}{6}\right)$$

$$\text{e) } \frac{49}{5}:7+\left(3-\frac{11}{7}\right):\left(\frac{14}{49}+\frac{3}{7}:\frac{7}{12}\right)$$

$$\text{f) } \frac{-1+\frac{1}{2}\left(\frac{-4}{3}\right)}{\frac{1}{3}-\frac{2}{3}\cdot 7}$$

$$\text{g) } \frac{5}{3}\cdot\frac{1}{3}\left[\left(\frac{1}{5}+\frac{1}{7}\right)\left(\frac{-1}{3}\right)\right]$$

$$\text{h) } \frac{1}{3}\left[\frac{3}{4}-\left(\frac{5}{6}+\frac{1}{3}-\frac{3}{4}\right)+\frac{2}{5}:\frac{3}{10}\right]$$

$$\text{i) } \frac{1}{3}+2\left(\frac{1}{4}-\frac{1}{3}\right)+\frac{2}{4}:\frac{1}{3}$$

$$\text{j) } \left(\frac{1}{6}-\frac{1}{3}\right)+\frac{1}{2}-\frac{1}{3}:\frac{1}{4}$$