# Boletín Fracciones I – Matemáticas 3º E.S.O.

1. Resuelve

a) $\frac{1}{5}+\frac{2}{3}\times\frac{3}{5}-\frac{7}{10}=$

b) $\frac{3}{7}\div\frac{2}{4}+\frac{5}{2}\times\frac{3}{4}-\frac{6}{7}=$

c) $\left(2+\frac{1}{8}\right)-\left(\frac{3}{4}+\frac{1}{2}\right)\times\left(\frac{1}{2}\div\frac{4}{3}\right)=$

d) $\left(\frac{4}{3}+\frac{1}{2}\div\frac{2}{3}\right)-\frac{3}{4}+\frac{4}{3}\times\frac{1}{2}=$

e) $\left(\frac{3}{5}+\frac{1}{3}\right)-\left[\frac{2}{3}-\left(\frac{3}{4}\times\frac{1}{2}\right)+\frac{2}{3}+5\div\frac{3}{2}\right]=$

f) $\left(\frac{5}{2}-\frac{7}{3}+\frac{3}{4}\times\frac{1}{3}\right)\div\left[5-\frac{1}{2}\left(1+\frac{5}{3}\right)-3\right]=$

2. Resuelve

a) $\dfrac{\frac{2}{3}+\frac{5}{4}}{\frac{4}{5}-\frac{3}{4}}=$

b) $\dfrac{\frac{4}{5}-\frac{6}{3}}{\frac{2}{7}+\frac{4}{5}}=$

c) $\dfrac{3-\frac{5}{3}}{\frac{7}{5}-2}=$

d) $\dfrac{\frac{12}{7}\times\frac{8}{5}}{\frac{2}{8}-3}=$

e) $\dfrac{\left(\frac{3}{4}-1\right)+\frac{3}{4}}{\frac{3}{4}-\frac{2}{3}}=$

f) $\dfrac{(-3)\times\left(\frac{3}{5}-\frac{1}{3}\right)}{(-2)\times\left(\frac{4}{3}-\frac{6}{5}\right)}=$

3. Resuelve

$$\frac{\frac{1}{2}\times\left(-\frac{1}{3}-2\right)}{\frac{\left(\frac{2}{3}+\frac{1}{4}\right)\times\left(-\frac{4}{5}+1\right)}{\left(-\frac{5}{2}\right)+3}}{\left(3+\frac{7}{4}\right)\div\left(\frac{3}{2}+\frac{5}{4}\right)}=$$