

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

1. Resuelve

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

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

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

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

$$e) 5 - \frac{2}{3} \left(1 - \frac{1}{4}\right)^2 + \frac{3}{8}(-3) =$$

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

2. Resuelve

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

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

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

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

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

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

3. Resuelve

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