

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

## 1. Resuelve

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

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

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

$$d) \left[ \frac{3}{4} - \left( \frac{3}{8} - \frac{1}{6} \right) \right] - \left[ \frac{2}{5} - \left( \frac{7}{8} - \frac{5}{6} \right) \right] =$$

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

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

$$g) \left[ 5 \cdot \left( \frac{3}{10} + \frac{2}{5} \right) - 2 \right] \div \frac{3}{2} =$$

## 2. Resuelve

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

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

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

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

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

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