



OPERACIONES COMBINADAS CON FRACCIONES

Ejercicios para Resolver

1. Resuelve las operaciones combinadas que se te presentan:

$$a) \frac{2}{3} \left(4\frac{1}{6} - \frac{7}{6} \right) =$$

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

$$c) \frac{1}{2} + 3 \div \frac{6}{5} - \frac{4}{9} \left(\frac{3}{8} \right) - 1 =$$

$$d) \left(\frac{1}{2} + \frac{3}{4} - \frac{1}{10} \right) \times \frac{4}{3} - 1 =$$

$$e) 4 \div \frac{1}{5} + \frac{3}{5} \times \frac{1}{10} + \frac{1}{25} - \frac{1}{10} =$$

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

$$g) \frac{12}{5} \div \frac{3}{5} - \frac{3}{7} \div 6 - \frac{50}{7} + \frac{3}{14} =$$

$$h) \frac{5}{12} + \frac{7}{18} - \frac{1}{6} + \frac{4}{9} =$$

$$i) (6^2 - 3^2) \div \frac{9}{11} \times (4^2 - 3^2) =$$

$$j) \left(\frac{5}{8} + 3\frac{1}{4} \right) \times 2\frac{2}{3} + \frac{9}{5} \div 5\frac{2}{5} =$$

2. Resuelve las operaciones combinadas en tu cuaderno, teniendo presente las jerarquías operativas:

$$a) \frac{2}{3} : 2 - \frac{5}{6} \times \frac{3}{10} + \frac{12}{18} =$$

$$b) \frac{15}{45} : 3 - \frac{9}{12} \times \frac{8}{24} + \frac{10}{18} =$$

$$c) \frac{3}{9} + \frac{4}{5} \times \frac{5}{8} \div \frac{6}{9} =$$

$$d) \left[\frac{7}{15} (4^2 + 3^2) \div 3\frac{5}{6} \right] \div 1\frac{2}{23} =$$

$$e) \frac{3 - \frac{1}{4}}{3} + 3\frac{1}{4} \div \frac{1}{6} - 4\frac{2}{5} \times 1\frac{7}{8} =$$

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

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

$$h) \frac{16}{48} - \frac{25}{75} \times \frac{15}{100} \div \frac{3}{10} - \frac{12}{18} =$$

$$i) \frac{2 + \frac{1}{10}}{\frac{1}{10}} - 3 \div \frac{1}{2} + \frac{2}{5} \times 1\frac{1}{20} =$$

$$j) \frac{4}{15} \div \frac{1}{5} + \frac{3}{5} \times \frac{5}{6} - \frac{10}{25} =$$

$$k) \frac{24}{21} - 1 \div \frac{3}{2} + 7 \times \frac{3}{14} =$$

$$l) \left(\frac{5}{12} + 2\frac{3}{6} \right) \times 5\frac{3}{9} + 15 \div 5\frac{5}{12} =$$

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