



## DEPARTAMENTO DE MATEMÁTICAS

SECUNDARIA

MATEMÁTICAS 2º ESO

FICHA REPASO FRACCIONES

Soluciona las siguientes operaciones combinadas con fracciones. **Simplifica** en los pasos intermedios. El resultado final debe estar simplificado

a)  $2 - \frac{6}{7} \left( \frac{6}{9} - \frac{1}{2} \right) + \frac{3}{7} =$

$$2 - \frac{6}{7} \cdot \frac{\quad}{\quad} + \frac{3}{7} =$$

$$2 - \frac{\quad}{\quad} + \frac{3}{7} = \frac{\quad}{\quad}$$

b)  $\frac{8}{20} - \left( \frac{13}{24} - \frac{11}{12} \right) : \frac{25}{24} =$

$$\frac{8}{20} + \frac{\quad}{\quad} : \frac{25}{24} =$$

$$\frac{8}{20} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

c)  $\frac{9}{14} + \frac{4}{3} \left( \frac{13}{16} - \frac{11}{8} \right) : \frac{3}{7} =$

$$\frac{9}{14} + \frac{4}{3} \cdot \left( \frac{\quad}{\quad} \right) : \frac{3}{7} = \frac{9}{14} - \frac{\quad}{\quad} : \frac{3}{7} =$$

$$= \frac{9}{14} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

d)  $\frac{25}{36} : 5 \cdot \frac{18}{15} + 2 - \left( \frac{5}{2} - \frac{1}{6} \cdot \frac{3}{2} \right)^2 + \frac{3}{8} =$

$$\frac{25}{36} : 5 \cdot \frac{18}{15} + 2 - \left( \frac{\quad}{\quad} \right)^2 + \frac{3}{8} =$$

$$\frac{\quad}{\quad} \cdot \frac{18}{15} + 2 - \frac{\quad}{\quad} + \frac{3}{8} =$$

$$\frac{\quad}{\quad} + 2 - \frac{\quad}{\quad} + \frac{3}{8} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

e)  $\frac{\frac{3}{4} + \frac{1}{4} \cdot \left( \frac{5}{3} - 1 : \frac{6}{5} \right)}{\frac{3}{8} + \frac{4}{3} - \frac{7}{12}} =$

$$\frac{\frac{3}{4} + \frac{1}{4} \cdot \left( \frac{\quad}{\quad} \right)}{\frac{3}{8} + \frac{4}{3} - \frac{7}{12}} =$$

$$= \frac{\frac{3}{4} + \frac{\quad}{\quad}}{\frac{\quad}{\quad}} = \frac{\frac{\quad}{\quad}}{\frac{\quad}{\quad}} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad}$$