FRACCIONES 1º ESO

1. Calcula y simplifica:

   a) $\dfrac{3}{7} \cdot \left(\dfrac{5}{4} + \dfrac{3}{7}\right) =$

   b) $\dfrac{3}{5} + \dfrac{7}{3} \cdot \dfrac{2}{5} =$

   c) $\left(\dfrac{2}{7} : \dfrac{3}{5}\right) \cdot \dfrac{4}{6} =$

   d) $2 : \dfrac{5}{7} =$

   e) $\dfrac{3}{8} \cdot \left(\dfrac{5}{3} - \dfrac{1}{2}\right) - \dfrac{4}{11} \cdot \left(\dfrac{3}{4} - \dfrac{1}{5}\right) =$

   f) $\dfrac{5}{9} - \left(\dfrac{-3}{4} + \dfrac{1}{2}\right) + \dfrac{10}{3} \cdot \left(\dfrac{1}{2} - \dfrac{3}{5}\right) =$

   g) $\dfrac{3}{5} : \dfrac{2}{3} - \dfrac{4}{5} \cdot \dfrac{4}{3} + \dfrac{1}{3} - \dfrac{3}{4} : \dfrac{3}{7} =$

   h) $\dfrac{2}{3} - \dfrac{5}{6} \cdot \dfrac{4}{3} - \dfrac{1}{6} =$

   i) $\dfrac{2}{3} : \left(\dfrac{3}{4} - \dfrac{4}{3} : \dfrac{2}{3}\right) =$

   j) $\dfrac{2}{5} \cdot \left(\dfrac{-1}{9} + \dfrac{4}{5}\right) =$

   k) $\dfrac{3}{8} - \dfrac{4}{5} : \dfrac{1}{4} - \left(\dfrac{-1}{2}\right) =$

   l) $\dfrac{3}{5} \cdot \dfrac{2}{3} + \dfrac{4}{3} : \left(\dfrac{-2}{3}\right) =$

   m) $\dfrac{13}{4} \cdot \dfrac{1}{6} \left(\dfrac{-2}{3}\right) \cdot \dfrac{3}{5} =$

   n) $\dfrac{9}{11} \cdot \left(\dfrac{3}{4} - \dfrac{1}{5}\right) - \dfrac{3}{8} \cdot \left(\dfrac{5}{3} - \dfrac{1}{2}\right) =$

   o) $-\dfrac{2}{3} \cdot \left(3 - \dfrac{1}{5}\right) : \dfrac{5}{6} \cdot \left(\dfrac{1}{2} - 1\right) =$

   p) $2 + 8 + \dfrac{1}{2} \cdot \left(-\dfrac{2}{3}\right) =$

   q) $\left(\dfrac{1}{4} + \dfrac{3}{2} - \dfrac{5}{8}\right) \cdot \dfrac{8}{9} =$

   r) $\dfrac{1}{3} + \dfrac{1}{2} + \dfrac{1}{3} \cdot \left(1 - \dfrac{1}{2}\right) =$

   s) $\left(1 + \dfrac{7}{3} + \dfrac{11}{6} - \dfrac{1}{21}\right) : \left(\dfrac{15}{7} - \dfrac{5}{6}\right) =$

   t) $\left(\dfrac{3}{4} - \dfrac{2}{3}\right) : \dfrac{3}{4} =$