



1 Completa los signos y las casillas numéricas y, al final, simplifica.

$$\begin{aligned}
 \text{a) } \frac{1}{5} - \left[\frac{1}{4} - \left(\frac{3}{10} + \frac{1}{2} \right) \right] &= \frac{1}{5} - \left[\frac{1}{4} \bigcirc \frac{3}{10} \bigcirc \frac{1}{2} \right] = \\
 &= \frac{1}{5} \bigcirc \frac{1}{4} \bigcirc \frac{3}{10} \bigcirc \frac{1}{2} = \frac{\square}{20} \bigcirc \frac{\square}{\square} \bigcirc \frac{\square}{\square} \bigcirc \frac{\square}{\square} = \\
 &= \frac{\square - \square}{\square} = \frac{\square}{\square} = \frac{\square}{\square}
 \end{aligned}$$

$$\begin{aligned}
 \text{b) } \left(\frac{2}{3} - \frac{1}{5} \right) - \left[1 - \left(\frac{5}{6} - \frac{1}{10} \right) \right] &= \left(\frac{2}{3} - \frac{1}{5} \right) - \left[1 \bigcirc \frac{5}{6} \bigcirc \frac{1}{10} \right] = \\
 &= \frac{2}{3} \bigcirc \frac{1}{5} \bigcirc 1 \bigcirc \frac{5}{6} \bigcirc \frac{1}{10} = \frac{2}{3} \bigcirc \frac{1}{5} \bigcirc \frac{1}{1} \bigcirc \frac{5}{6} \bigcirc \frac{1}{10} = \\
 &= \frac{\square}{30} \bigcirc \frac{\square}{\square} \bigcirc \frac{\square}{\square} \bigcirc \frac{\square}{\square} \bigcirc \frac{\square}{\square} = \frac{\square - \square}{\square} = \frac{\square}{\square} = \frac{\square}{\square}
 \end{aligned}$$

2 Completa y, al final, simplifica.

$$\begin{aligned}
 \text{a) } \frac{1}{5} - \left[\frac{1}{4} - \left(\frac{3}{10} + \frac{1}{2} \right) \right] &= \frac{1}{5} - \left[\frac{1}{4} - \left(\frac{3}{10} + \frac{\square}{10} \right) \right] = \frac{1}{5} - \left[\frac{1}{4} - \frac{\square}{\square} \right] = \\
 &= \frac{1}{5} - \left[\frac{\square}{20} - \frac{\square}{20} \right] = \frac{1}{5} - \left[-\frac{\square}{\square} \right] = \frac{1}{5} + \frac{\square}{\square} = \frac{\square}{20} + \frac{11}{20} = \frac{\square}{\square} = \frac{\square}{\square}
 \end{aligned}$$

$$\begin{aligned}
 \text{b) } \left(\frac{2}{3} - \frac{1}{5} \right) - \left[1 - \left(\frac{5}{6} - \frac{1}{10} \right) \right] &= \left(\frac{\square}{15} - \frac{\square}{15} \right) - \left[1 - \left(\frac{\square}{30} - \frac{\square}{30} \right) \right] = \\
 &= \frac{\square}{15} - \left[1 - \frac{\square}{30} \right] = \frac{\square}{15} - \left[\frac{1}{1} - \frac{\square}{15} \right] = \frac{\square}{15} - \left[\frac{\square}{15} - \frac{\square}{15} \right] = \\
 &= \frac{\square}{15} - \frac{\square}{15} = \frac{\square}{15} = \frac{\square}{\square}
 \end{aligned}$$



3 Opera y simplifica.

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

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

$$c) \left(1 + \frac{1}{4}\right) - \left(\frac{1}{3} + \frac{1}{6}\right) = \square$$

$$d) \left(\frac{5}{6} - \frac{2}{3}\right) - \left(\frac{1}{4} + \frac{1}{8}\right) = \square$$

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

$$f) \left(\frac{2}{3} - \frac{1}{4}\right) - \left[\frac{3}{10} + \left(\frac{1}{5} + \frac{1}{2}\right)\right] = \square$$

$$g) \left[\frac{4}{5} + \left(\frac{11}{12} - \frac{1}{6}\right)\right] - \left[1 - \left(\frac{4}{5} - \frac{7}{10}\right)\right] = \square$$

$$h) \left[\left(\frac{5}{6} - \frac{1}{2}\right) + \left(\frac{3}{4} - \frac{1}{2}\right)\right] - \left[2 - \left(\frac{1}{2} + \frac{1}{3} + \frac{1}{4}\right)\right] = \square$$