



Soluciones

1 Completa.

$$a) \frac{1}{3} + \frac{2}{3} \cdot \left(\frac{5}{10} - \frac{1}{5} \right) = \frac{1}{3} + \frac{2}{3} \cdot \frac{\boxed{3}}{\boxed{10}} = \frac{1}{3} + \frac{\boxed{6}}{\boxed{30}} = \frac{1}{3} + \frac{\boxed{1}}{5} = \frac{\boxed{8}}{\boxed{15}}$$

$$b) \frac{3}{5} - \frac{2}{5} : \left(\frac{5}{6} - \frac{1}{3} \right) = \frac{3}{5} - \frac{2}{5} : \frac{\boxed{3}}{\boxed{6}} = \frac{3}{5} - \frac{\boxed{12}}{\boxed{15}} = \frac{3}{5} - \frac{\boxed{4}}{5} = \frac{\boxed{-1}}{\boxed{5}}$$

2 Completa.

$$a) \frac{3}{5} - \left(\frac{3}{4} - \frac{2}{5} \right) \cdot \frac{4}{7} = \frac{3}{5} - \frac{\boxed{7}}{\boxed{20}} \cdot \frac{4}{7} = \frac{3}{5} - \frac{\boxed{1}}{5} = \frac{\boxed{2}}{5}$$

$$b) \left(\frac{2}{7} + \frac{1}{3} \right) \cdot \frac{7}{13} - \frac{1}{6} = \frac{\boxed{13}}{\boxed{21}} \cdot \frac{7}{13} - \frac{1}{6} = \frac{\boxed{1}}{3} - \frac{1}{6} = \frac{\boxed{1}}{6}$$

$$c) \frac{7}{5} - \frac{3}{5} : \left(\frac{2}{3} - \frac{1}{6} \right) = \frac{7}{5} - \frac{3}{5} : \frac{\boxed{1}}{\boxed{2}} = \frac{7}{5} - \frac{\boxed{6}}{5} = \frac{\boxed{1}}{5}$$

3 Opera.

$$a) \left(\frac{3}{4} + \frac{1}{3} \right) : \frac{13}{8} - \frac{4}{3} = \frac{\boxed{-2}}{\boxed{3}}$$

$$b) 1 - \frac{5}{6} : \left(\frac{1}{6} + \frac{2}{3} \right) = \boxed{0}$$

4 Completa.

$$a) \left(2 - \frac{5}{3} \right) : \left(\frac{5}{6} - \frac{1}{3} \right) = \frac{\boxed{1}}{\boxed{3}} : \frac{\boxed{1}}{\boxed{2}} = \frac{\boxed{2}}{\boxed{3}}$$

$$b) \left(1 - \frac{4}{11} \right) \cdot \left(\frac{3}{2} - \frac{2}{5} \right) = \frac{\boxed{7}}{\boxed{11}} \cdot \frac{\boxed{11}}{\boxed{10}} = \frac{\boxed{7}}{\boxed{10}}$$