

Operaciones combinadas de fracciones 2

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

$$\text{B)} \quad -\frac{4}{3} \cdot \frac{1}{2} + \frac{3}{4} - \left(\frac{1}{3} + \frac{1}{2} \div \frac{2}{3} \right) = -1$$

$$\text{C)} \quad 3 - \frac{2}{3} \left(1 - \frac{1}{4} \right)^2 + \frac{3}{8} (-2) = \frac{15}{8}$$

$$\text{D)} \quad \frac{\left(\frac{5}{2} - \frac{5}{6} + \frac{2}{3} \times \frac{1}{4} \right)}{\left[2 - \frac{1}{2} \left(1 + \frac{5}{3} \right) \right]} = \frac{11}{4}$$

$$\text{E)} \quad \frac{2}{3} \times \left(\frac{3}{4} - \frac{1}{2} \right)^2 - \frac{1}{6} \left(\frac{5}{6} - \frac{1}{3} \right)^2 = 0$$

$$\text{F)} \quad \frac{5}{\left(\frac{1}{2} + 1 \right)^2} - \frac{3}{\left(\frac{1}{2} - \frac{1}{4} \right)} = -\frac{88}{9}$$

$$\text{G)} \quad -\frac{3}{8} \left[3 - \frac{3}{5} - \left(\frac{17}{20} - 1 \right) \left(\frac{1}{3} - 3 \right) \right] = -\frac{3}{4}$$

$$\text{H)} \quad \frac{\left[\left(\frac{2}{3} - \frac{1}{9} \right) + 13 \left(\frac{2}{3} - 1 \right)^2 \right]}{\frac{-2}{3}} = -3$$