

1. CALCULA Y RECUERDA SIMPLIFICAR LAS FRACCIONES PARA QUE SEA MÁS SENCILLO.

a)

$$5X\left(\frac{4^*}{6} + \frac{6}{9}\right) = 5X\left(\frac{6+6}{9}\right) = 5X\frac{12}{9} = 5X\frac{4}{3} = \frac{20}{3} = \mathbf{6\frac{2}{3}}$$

**\*Recuerda:**  $\frac{4}{6} = \frac{2}{3} = \frac{6}{9}$

b)

$$\frac{9}{4} + \frac{7}{4}X3 = \frac{9}{4} + \frac{21}{4} = \frac{30}{4} = \mathbf{7\frac{1}{2}}$$

c)

$$\left(\frac{5}{4} - \frac{1}{3}\right)X2 = \left(\frac{(5X3) - (1X4)}{(4X3)}\right)X2 = \left(\frac{15 - 4}{12}\right)X2 = \left(\frac{11}{12}\right)X2 = \frac{22}{12} = \mathbf{1\frac{5}{6}}$$

d)

$$\left(\frac{20}{4} + \frac{12}{3}\right):3 = (5 + 4):3 = 9:3 = \mathbf{3}$$

e)

$$\left(\frac{6}{5} - \frac{3}{4}\right):3 = \left(\frac{(6X4) - (3X5)}{(5X4)}\right):3 = \left(\frac{24-15}{20}\right):3 = \frac{9}{20}:\frac{3}{1} = \frac{9X1}{20X3} = \frac{3}{20}$$

f)

$$8:\left(\frac{1}{2} - \frac{1}{3}\right) = 8:\left(\frac{3-2}{(2X3)}\right):3 = \frac{8}{1}:\frac{1}{6} = 8X6 = \mathbf{48}$$