

a) Indicaciones: Resuelva las siguientes operaciones en tu cuaderno y envíe evidencia.

$$b) \frac{6}{12} + \frac{(4)(9)}{(9)(6)} = \frac{6}{12} + \frac{36}{54} = \frac{54 + 72}{108} = \frac{120}{108} = \frac{63}{54} = \frac{21}{18} = \frac{11}{6}$$

$$\begin{array}{r} 6 \quad 27 \quad 2 \\ 3 \quad 27 \quad 3 \\ 1 \quad 9 \quad 3 \\ 1 \quad 3 \quad 3 \\ 1 \quad 1 \quad 108 \end{array}$$

$$c) \frac{6}{10} - \frac{(7)}{(9)} \div \frac{(10)}{(6)} = \frac{6}{10} - \frac{42}{90} = \frac{54 - 42}{90} = \frac{12}{90} = \frac{6}{45} = \frac{3}{15} = \frac{1}{5}$$

$$\begin{array}{r} 5 \quad 45 \quad 5 \\ 1 \quad 9 \quad 3 \\ 1 \quad 3 \quad 3 \\ 1 \quad 1 \quad 90 \end{array}$$

$$d) \frac{3}{12} \cdot \frac{(4)}{(9)} \cdot \frac{(9)}{(6)} + \frac{4}{12} = \frac{108 + 4}{648 \cdot 12} = \frac{1 + 4}{6 \cdot 12} = \frac{5}{72}$$

$$\begin{array}{r} 6 \quad 12 \quad 2 \\ 3 \quad 6 \quad 2 \\ 3 \quad 3 \quad 3 \\ 1 \quad 1 \quad 12 \end{array}$$

$$\frac{2+4=6}{12} \cdot \frac{108}{12} = \frac{54}{324} = \frac{27}{102} = \frac{9}{54} = \frac{3}{18} = \frac{1}{6} = \frac{3}{6}$$

$$e) 6 \frac{8}{5} + \left(7 \frac{4}{9} \right) \left(3 \frac{2}{9} \right) \frac{4}{6} = \frac{38}{5} + \left(\frac{67}{9} \times \frac{3}{1} \times \frac{21}{6} \times \frac{4}{1} \right)$$

$$\frac{38}{5} + \frac{16,884}{54} = \frac{16,922}{270} = \frac{2,052 + 84,420}{270} = \frac{86,472}{270} =$$

$$\frac{43236}{135} = \frac{14412}{45} = \frac{4804}{15} = 32 \frac{4}{5}$$

5	54	2
5	27	3
5	9	3
5	3	3
5	1	5
1	1	270

$$F) 6 \frac{4}{12} + \left(\frac{4}{9} \right) \left(\frac{9}{6} \right) \frac{4}{3} - \frac{7}{6} + 9 = \frac{6}{12} + \left(\frac{4}{9} \times \frac{9}{6} \times \frac{4}{3} \right) - \frac{7}{6} +$$

$$9 = \frac{6}{12} + \frac{144}{162} - \frac{7}{6} + 9 = \frac{6}{12} + \frac{8}{9} - \frac{7}{6} + 9$$

			2
6	9	3	2
3	9	3	3
1	3	3	3
1	1	1	36

$$\frac{144}{162} = \frac{72}{81} = \frac{24}{27} = \frac{8}{9} = \frac{18 + 32 - 42 + 324}{36} =$$

$$\frac{372}{36} - \frac{42}{36} = \frac{330}{36} = \frac{165}{18} = \frac{55}{9} = 5 \frac{10}{9} //$$