

## Fraciones Combinación

$$1 \left[ \left( \frac{1}{3} + \frac{3}{2} + \frac{3}{4} \right) - \left( \frac{17}{2} - \frac{6}{5} \div \frac{3}{20} \right) \right] \div \frac{9}{4}$$

$$\left[ \frac{1}{2} + \frac{3}{4} \right] - \left( \frac{17}{2} - \frac{8}{1} \right) \div \frac{9}{4}$$

$$\left[ \frac{5}{4} \div \frac{1}{2} \right] \div \frac{9}{4}$$

$$\frac{3}{4} \div \frac{9}{4} = \frac{12}{36} = \frac{1}{3}$$

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Indicaciones: Resuelva la siguientes operaciones en tu cuaderno y envíe evidencia de su trabajo

$$A) \frac{6}{12} + \left( \frac{4}{9} \right) \left( \frac{9}{6} \right) =$$

$$\frac{6}{12} + \left( \frac{36}{54} - \frac{54 + 72}{108} - \frac{126}{108} - \frac{63}{54} = \frac{21}{18} = \frac{7}{6} = 1 \frac{1}{6} \right)$$

$$B) \frac{6}{10} - \left( \frac{7}{9} \right) \div \left( \frac{10}{6} \right) =$$

$$\frac{6}{10} - \frac{7}{9} \div \frac{10}{6}$$

$$\frac{6}{10} - \frac{42}{90} - \frac{54 - 42}{90} = \frac{12}{90} = \frac{6}{45} = \frac{2}{15}$$

$$Q) \frac{3}{12} \left( \frac{4}{9} \right) \left( \frac{9}{6} \right) + \frac{4}{12} =$$

$$\frac{3}{12} \cdot \frac{4}{9} \cdot \frac{9}{6} + \frac{4}{12}$$

$$\frac{12}{108} \cdot \frac{9}{6} + \frac{4}{12}$$

$$\frac{108}{648} + \frac{4}{12} = \frac{108 + 276}{648} = \frac{324}{648} = \frac{162}{324} =$$

$$\frac{81}{162} = \frac{27}{54} = \frac{9}{18} = \frac{3}{6} = \frac{1}{2}$$

$$Q) 6 \frac{8}{5} + \left( 7 \frac{4}{9} \right) 3 \left( 2 \frac{9}{6} \right) 4 =$$

$$\frac{6}{12} + \frac{36}{54} \cdot \frac{4}{3} - \frac{7}{6} + \frac{9}{1}$$

$$\frac{6}{12} + \frac{144}{262} - \frac{7}{6} + \frac{9}{1} = \frac{162 + 288 - 378 + 2916}{324}$$

$$\frac{2994}{324} = \frac{1494}{162} = \frac{747}{81} = \frac{299}{27} =$$

$$\frac{83}{9} = 9 \frac{2}{2}$$

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

$$6 \frac{8}{5} + \frac{67}{9} \cdot \frac{3}{1} \cdot \frac{27}{6} \cdot \frac{4}{1}$$

$$6 \frac{8}{5} + \frac{16884}{54}$$

$$\frac{38}{5} + \frac{16884}{54} = \frac{2052}{270} + 84,420 = \frac{86,472}{270}$$

$$\frac{43,236}{135} = \frac{14,412}{45} = \frac{4804}{15}$$

$$320 \frac{3}{6}$$