

Mennyi az eredmény?

$$\left(\frac{2}{3} + \frac{4}{5} - \frac{7}{8}\right) + \left(\frac{3}{4} - \frac{9}{10}\right) =$$

$$\left(\frac{80}{120} + \frac{96}{120} - \frac{105}{120}\right) + \left(\frac{90}{120} - \frac{108}{120}\right) =$$

$$= \frac{71}{120} - \frac{18}{120} = \frac{53}{120}$$

Közös nevező:

$$\left. \begin{array}{l} 3 \\ 5 \\ 8 = 2 \cdot 2 \cdot 2 \\ 4 = 2 \cdot 2 \\ 10 = 2 \cdot 5 \end{array} \right\} 3 \cdot 5 \cdot 2 \cdot 2 \cdot 2 = 120$$

$$\left(\frac{3}{100} + \frac{2}{3}\right) - \left(\frac{5}{6} + \frac{7}{15} - \frac{9}{10}\right) =$$

$$\left(\frac{9}{300} + \frac{200}{300}\right) - \left(\frac{250}{300} + \frac{140}{300} - \frac{270}{300}\right) =$$

$$= \frac{209}{300} - \frac{120}{300} = \frac{89}{300}$$

Közös nevező:

$$\left. \begin{array}{l} 100 = 2 \cdot 2 \cdot 5 \cdot 5 \\ 3 \\ 6 = 2 \cdot 3 \\ 15 = 3 \cdot 5 \\ 10 = 2 \cdot 5 \end{array} \right\} 2 \cdot 2 \cdot 3 \cdot 5 \cdot 5 = 300$$

$$(3,8 - 5,6) - \left(-0,24 + \frac{3}{2}\right) = \left(\frac{38}{10} - \frac{56}{10}\right) - \left(\frac{24}{100} + \frac{3}{2}\right) = \left(\frac{380}{100} - \frac{560}{100}\right) - \left(\frac{24}{100} + \frac{150}{100}\right) =$$

$$= -\frac{180}{100} - \frac{174}{100} = -\frac{354}{100} = -3,54$$

$$4,2 - 5 \cdot 0,3 + \frac{3,43}{4,9} = \frac{42}{10} - \frac{15}{10} + \frac{\frac{343}{100}}{\frac{49}{10}} = \frac{42}{10} - \frac{15}{10} + \frac{343 \cdot 10}{100 \cdot 49} = \frac{27}{10} + \frac{3430}{4900} =$$

$$= \frac{13230}{4900} + \frac{3430}{4900} = \frac{16660}{4900} = \frac{17}{5}$$

$$\frac{\frac{9}{10} + \frac{5}{6}}{\frac{3}{2}} - \frac{1}{2} \cdot \frac{3}{4} = \frac{\frac{54}{60} + \frac{50}{60}}{\frac{30}{60}} - \frac{3}{8} = \frac{104}{90} - \frac{3}{8} = \frac{832}{720} - \frac{270}{720} = \frac{562}{720}$$

$$= \frac{281}{360}$$