



cinco frações, ordem das operações com colchetes

Nome: \_\_\_\_\_

Encontro: Data: \_\_\_\_\_ Pontuação: \_\_\_\_\_

$$\left(\frac{1}{4} - \left(\frac{3}{5}\right)^2\right) \times \frac{1}{5} - \left(\frac{2}{3} - \frac{1}{3}\right)^2 =$$

$$\left(\frac{1}{5} + \frac{1}{3}\right)^2 - \frac{1}{4}\left(\frac{1}{3} + \frac{1}{2}\right) =$$

$$\left(5 + \frac{1}{3}\right)^2 + \frac{1}{2} + 4^2 \times \frac{2}{3} =$$

$$\left(4 + \frac{3}{2}\right)^2 + \frac{3}{2} \times 3^2 - \frac{1}{3} =$$

$$\left(\frac{3}{2} + \left(\frac{1}{2}\right)^2\right) \times \frac{3}{5} - \left(\frac{3}{4} + \frac{3}{2}\right)^2 =$$

$$\left(\frac{2}{3} - \frac{3}{2}\right)^2 + \frac{1}{3}\left(\frac{2}{3} - \frac{1}{2}\right) =$$

$$\left(2 + \frac{1}{5}\right)^2 - \frac{1}{4} + \frac{3}{5} \times 3^2 =$$

$$\left(\frac{1}{5} - \frac{2}{5}\right)^2 + \frac{1}{3}\left(\frac{1}{5} + \left(\frac{1}{2}\right)^2\right) =$$

$$\left(\left(\frac{1}{4}\right)^2 + \frac{3}{5}\right) \times \frac{2}{5} + \left(\frac{2}{3} - \frac{1}{2}\right)^2 =$$

$$\left(2 - \frac{1}{3}\right)^2 - \frac{2}{5} + 3^2 \times \frac{3}{5} =$$



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$$\left(\frac{1}{4} - \left(\frac{3}{5}\right)^2\right) \times \frac{1}{5} - \left(\frac{2}{3} - \frac{1}{3}\right)^2 = \left(-\frac{599}{4500}\right)$$

$$\left(\frac{1}{5} + \frac{1}{3}\right)^2 - \frac{1}{4}\left(\frac{1}{3} + \frac{1}{2}\right) = \frac{137}{1800}$$

$$\left(5 + \frac{1}{3}\right)^2 + \frac{1}{2} + 4^2 \times \frac{2}{3} = \frac{713}{18} = 39\frac{11}{18}$$

$$\left(4 + \frac{3}{2}\right)^2 + \frac{3}{2} \times 3^2 - \frac{1}{3} = \frac{521}{12} = 43\frac{5}{12}$$

$$\left(\frac{3}{2} + \left(\frac{1}{2}\right)^2\right) \times \frac{3}{5} - \left(\frac{3}{4} + \frac{3}{2}\right)^2 = \left(-\frac{321}{80}\right) = \left(-4\frac{1}{80}\right)$$

$$\left(\frac{2}{3} - \frac{3}{2}\right)^2 + \frac{1}{3}\left(\frac{2}{3} - \frac{1}{2}\right) = \frac{3}{4}$$

$$\left(2 + \frac{1}{5}\right)^2 - \frac{1}{4} + \frac{3}{5} \times 3^2 = \frac{999}{100} = 9\frac{99}{100}$$

$$\left(\frac{1}{5} - \frac{2}{5}\right)^2 + \frac{1}{3}\left(\frac{1}{5} + \left(\frac{1}{2}\right)^2\right) = \frac{19}{100}$$

$$\left(\left(\frac{1}{4}\right)^2 + \frac{3}{5}\right) \times \frac{2}{5} + \left(\frac{2}{3} - \frac{1}{2}\right)^2 = \frac{527}{1800}$$

$$\left(2 - \frac{1}{3}\right)^2 - \frac{2}{5} + 3^2 \times \frac{3}{5} = \frac{70}{9} = 7\frac{7}{9}$$