



cinco frações, ordem das operações com colchetes

Nome: _____

Encontro: Data: _____ Pontuação: _____

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

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

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

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

$$\left(\frac{1}{2} - \frac{2}{5}\right)^2 - \frac{1}{2}\left(\frac{1}{6} + \left(\frac{1}{3}\right)^2\right) =$$

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

$$\left(4 - \frac{1}{6}\right)^2 + \frac{1}{6} \times 3^2 \times \frac{2}{5} =$$

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

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

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



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$$\left(\frac{1}{2} + \frac{3}{5}\right)^2 - \frac{3}{4}\left(\frac{1}{4} - \left(\frac{1}{4}\right)^2\right) = \frac{1711}{1600} = 1\frac{111}{1600}$$

$$\left(2 + \frac{1}{2}\right)^2 + \frac{1}{5} + \frac{2}{5} - 3^2 = \left(-\frac{43}{20}\right) = \left(-2\frac{3}{20}\right)$$

$$\left(5 - \frac{1}{5}\right)^2 - \frac{3}{5} - 4^2 \times \frac{3}{2} = \left(-\frac{39}{25}\right) = \left(-1\frac{14}{25}\right)$$

$$\left(3 + \frac{3}{2}\right)^2 - \frac{1}{4} + 5^2 + \frac{1}{2} = \frac{91}{2} = 45\frac{1}{2}$$

$$\left(\frac{1}{2} - \frac{2}{5}\right)^2 - \frac{1}{2}\left(\frac{1}{6} + \left(\frac{1}{3}\right)^2\right) = \left(-\frac{29}{225}\right)$$

$$\left(3 + \frac{1}{2}\right)^2 - \frac{3}{4} + 5^2 \times \frac{1}{5} = \frac{33}{2} = 16\frac{1}{2}$$

$$\left(4 - \frac{1}{6}\right)^2 + \frac{1}{6} \times 3^2 \times \frac{2}{5} = \frac{2753}{180} = 15\frac{53}{180}$$

$$\left(2 - \frac{1}{2}\right)^2 + \frac{1}{4} \times 3^2 + \frac{3}{5} = \frac{51}{10} = 5\frac{1}{10}$$

$$\left(4 + \frac{1}{3}\right)^2 - \frac{1}{2} - 5^2 \times \frac{1}{3} = \frac{179}{18} = 9\frac{17}{18}$$

$$\left(\left(\frac{3}{4}\right)^2 - \frac{3}{2}\right) \times \frac{3}{4} + \left(\frac{1}{2} - \frac{3}{4}\right)^2 = \left(-\frac{41}{64}\right)$$