



cinq fractions, ordre des opérations avec
parenthèses

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{4} + \frac{1}{4}\right)^2 + \frac{3}{4}\left(\frac{1}{2} - \left(\frac{1}{2}\right)^2\right) = \frac{7}{16}$$

$$\left(\frac{1}{2} - \left(\frac{1}{6}\right)^2\right) \times \frac{3}{2} - \left(\frac{1}{3} - \frac{1}{6}\right)^2 = \frac{49}{72}$$

$$\left(\frac{1}{2} - \frac{3}{4}\right)^2 + \frac{1}{3}\left(\frac{3}{5} - \left(\frac{3}{5}\right)^2\right) = \frac{57}{400}$$

$$\left(\frac{1}{3} - \left(\frac{2}{3}\right)^2\right) \times \frac{1}{3} + \left(\frac{1}{3} + \frac{1}{2}\right)^2 = \frac{71}{108}$$

$$\left(\frac{1}{3} - \frac{1}{5}\right)^2 - \frac{1}{6}\left(\frac{3}{2} - \frac{1}{5}\right) = \left(-\frac{179}{900}\right)$$

$$\left(3 - \frac{1}{2}\right)^2 + \frac{1}{3} + \frac{1}{4} - 3^2 = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$\left(5 - \frac{1}{2}\right)^2 + \frac{1}{4} \times \frac{3}{2} + 3^2 = \frac{237}{8} = 29\frac{5}{8}$$

$$\left(\left(\frac{3}{2}\right)^2 - \frac{2}{5}\right) \times \frac{1}{2} - \left(\frac{1}{2} - \frac{1}{2}\right)^2 = \frac{37}{40}$$

$$\left(\frac{3}{2} + \left(\frac{2}{5}\right)^2\right) \times \frac{3}{5} + \left(\frac{1}{5} - \frac{1}{2}\right)^2 = \frac{543}{500} = 1\frac{43}{500}$$

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