



cinq fractions, ordre des opérations avec
parenthèses

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{4} + \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{3}{2} - \frac{1}{2}\right) = \frac{121}{144}$$

$$\left(5 - \frac{1}{2}\right)^2 - \frac{1}{5} \times \frac{1}{6} - 4^2 = \frac{253}{60} = 4\frac{13}{60}$$

$$\left(\left(\frac{1}{3}\right)^2 - \frac{1}{3}\right) \times \frac{3}{2} + \left(\frac{2}{5} - \frac{1}{2}\right)^2 = \left(-\frac{97}{300}\right)$$

$$\left(\left(\frac{1}{2}\right)^2 + \frac{1}{2}\right) \times \frac{1}{3} - \left(\frac{1}{6} - \frac{1}{3}\right)^2 = \frac{2}{9}$$

$$\left(\frac{1}{6} - \frac{1}{4}\right)^2 + \frac{1}{2}\left(\frac{3}{2} - \frac{1}{4}\right) = \frac{91}{144}$$

$$\left(2 - \frac{1}{4}\right)^2 - \frac{1}{3} - 4^2 \times \frac{2}{3} = \left(-\frac{127}{16}\right) = \left(-7\frac{15}{16}\right)$$

$$\left(4 - \frac{3}{5}\right)^2 - \frac{1}{2} + \frac{1}{2} - 3^2 = \frac{64}{25} = 2\frac{14}{25}$$

$$\left(\frac{3}{5} + \left(\frac{1}{4}\right)^2\right) \times \frac{1}{6} + \left(\frac{3}{2} - \frac{3}{5}\right)^2 = \frac{2209}{2400}$$

$$\left(\frac{1}{6} + \frac{2}{5}\right)^2 - \frac{1}{2}\left(\frac{1}{5} + \frac{1}{6}\right) = \frac{31}{225}$$

$$\left(\frac{1}{2} - \left(\frac{3}{2}\right)^2\right) \times \frac{2}{5} - \left(\frac{3}{5} + \frac{1}{3}\right)^2 = \left(-\frac{707}{450}\right) = \left(-1\frac{257}{450}\right)$$