



cinq fractions, ordre des opérations avec
parenthèses

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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



cinq fractions, ordre des opérations avec
parenthèses

Nom: _____

Date: _____ Note: _____

$$\left(\frac{1}{2} + \left(\frac{1}{2}\right)^2\right) \times \frac{1}{2} - \left(\frac{1}{2} - \frac{1}{3}\right)^2 = \frac{25}{72}$$

$$\left(\left(\frac{2}{5}\right)^2 - \frac{2}{3}\right) \times \frac{3}{2} - \left(\frac{3}{2} - \frac{1}{3}\right)^2 = \left(-\frac{1909}{900}\right) = \left(-2\frac{109}{900}\right)$$

$$\left(\frac{3}{5} + \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{1}{3} + \frac{3}{4}\right) = \frac{2543}{1800} = 1\frac{743}{1800}$$

$$\left(2 + \frac{1}{6}\right)^2 - \frac{1}{3} + \frac{3}{2} + 2^2 = \frac{355}{36} = 9\frac{31}{36}$$

$$\left(\frac{3}{2} - \frac{3}{4}\right)^2 - \frac{1}{4}\left(\frac{1}{2} - \frac{1}{2}\right) = \frac{9}{16}$$

$$\left(2 + \frac{1}{5}\right)^2 + \frac{1}{4} \times \frac{1}{2} \times 4^2 = \frac{171}{25} = 6\frac{21}{25}$$

$$\left(\frac{1}{2} - \left(\frac{2}{5}\right)^2\right) \times \frac{2}{5} - \left(\frac{3}{5} - \frac{3}{2}\right)^2 = \left(-\frac{337}{500}\right)$$

$$\left(\frac{1}{2} - \left(\frac{3}{2}\right)^2\right) \times \frac{1}{4} - \left(\frac{1}{6} - \frac{1}{2}\right)^2 = \left(-\frac{79}{144}\right)$$

$$\left(3 - \frac{1}{3}\right)^2 + \frac{1}{6} \times 3^2 \times \frac{3}{2} = \frac{337}{36} = 9\frac{13}{36}$$

$$\left(\frac{1}{3} + \frac{1}{2}\right)^2 + \frac{2}{5}\left(\frac{3}{2} + \frac{1}{6}\right) = \frac{49}{36} = 1\frac{13}{36}$$