



cinq fractions, ordre des opérations avec  
parenthèses

Nom: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} - \left(\frac{1}{5}\right)^2\right) \times \frac{2}{3} + \left(\frac{1}{2} - \frac{1}{5}\right)^2 = \frac{119}{300}$$

$$\left(\frac{1}{2} + \left(\frac{3}{2}\right)^2\right) \times \frac{2}{3} + \left(\frac{1}{4} + \frac{3}{5}\right)^2 = \frac{3067}{1200} = 2\frac{667}{1200}$$

$$\left(\left(\frac{2}{5}\right)^2 - \frac{3}{5}\right) \times \frac{3}{2} - \left(\frac{1}{3} - \frac{1}{2}\right)^2 = \left(-\frac{619}{900}\right)$$

$$\left(\left(\frac{3}{5}\right)^2 - \frac{3}{2}\right) \times \frac{3}{5} - \left(\frac{1}{5} + \frac{1}{2}\right)^2 = \left(-\frac{587}{500}\right) = \left(-1\frac{87}{500}\right)$$

$$\left(3 - \frac{1}{2}\right)^2 - \frac{1}{4} \times 4^2 \times \frac{3}{5} = \frac{77}{20} = 3\frac{17}{20}$$

$$\left(4 + \frac{1}{2}\right)^2 - \frac{2}{5} \times 2^2 - \frac{1}{3} = \frac{1099}{60} = 18\frac{19}{60}$$

$$\left(\frac{1}{2} - \frac{3}{4}\right)^2 + \frac{1}{6}\left(\frac{1}{4} + \left(\frac{1}{6}\right)^2\right) = \frac{47}{432}$$

$$\left(\left(\frac{1}{6}\right)^2 + \frac{2}{5}\right) \times \frac{1}{2} + \left(\frac{3}{4} + \frac{2}{5}\right)^2 = \frac{5531}{3600} = 1\frac{1931}{3600}$$

$$\left(\frac{3}{2} + \frac{3}{2}\right)^2 - \frac{1}{3}\left(\frac{1}{2} + \frac{1}{2}\right) = \frac{26}{3} = 8\frac{2}{3}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{2}{3}\right) \times \frac{1}{5} + \left(\frac{1}{6} + \frac{3}{2}\right)^2 = \frac{97}{36} = 2\frac{25}{36}$$