

cinq fractions, ordre des opérations avec
parenthèses

Nom: _____

Date: _____ Note: _____

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

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

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

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

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

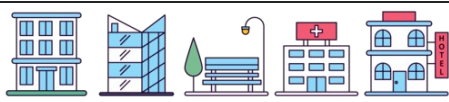
$$\left(\frac{3}{2} + \left(\frac{1}{3}\right)^2\right) \times \frac{3}{5} - \left(\frac{1}{3} - \frac{1}{3}\right)^2 =$$

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

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

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

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



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$$\left(\frac{1}{4} + \left(\frac{3}{4}\right)^2\right) \times \frac{3}{2} + \left(\frac{1}{3} + \frac{1}{2}\right)^2 = \frac{551}{288} = 1\frac{263}{288}$$

$$\left(\frac{1}{3} + \frac{1}{2}\right)^2 - \frac{1}{5}\left(\frac{1}{2} + \left(\frac{1}{2}\right)^2\right) = \frac{49}{90}$$

$$\left(4 + \frac{1}{4}\right)^2 + \frac{3}{4} + 5^2 \times \frac{1}{2} = \frac{501}{16} = 31\frac{5}{16}$$

$$\left(\frac{1}{6} + \left(\frac{3}{5}\right)^2\right) \times \frac{2}{3} + \left(\frac{1}{3} - \frac{1}{6}\right)^2 = \frac{341}{900}$$

$$\left(\frac{2}{3} + \frac{3}{5}\right)^2 - \frac{1}{3}\left(\frac{3}{5} + \frac{1}{2}\right) = \frac{557}{450} = 1\frac{107}{450}$$

$$\left(\frac{3}{2} + \left(\frac{1}{3}\right)^2\right) \times \frac{3}{5} - \left(\frac{1}{3} - \frac{1}{3}\right)^2 = \frac{29}{30}$$

$$\left(\frac{3}{4} - \frac{1}{6}\right)^2 - \frac{2}{3}\left(\frac{2}{3} + \frac{3}{5}\right) = \left(-\frac{121}{240}\right)$$

$$\left(\frac{1}{6} + \frac{1}{2}\right)^2 + \frac{1}{4}\left(\frac{1}{2} + \left(\frac{2}{5}\right)^2\right) = \frac{1097}{1800}$$

$$\left(\frac{1}{4} - \frac{1}{6}\right)^2 + \frac{1}{2}\left(\frac{1}{2} - \frac{3}{4}\right) = \left(-\frac{17}{144}\right)$$

$$\left(3 + \frac{1}{2}\right)^2 - \frac{1}{3} + \frac{3}{5} + 3^2 = \frac{1291}{60} = 21\frac{31}{60}$$