



اسم: _____

التاريخ: _____ النتيجة _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{2} + \frac{1}{3}\right)^2 - \frac{2}{5}\left(\frac{1}{6} + \left(\frac{2}{3}\right)^2\right) = \frac{187}{60} = 3\frac{7}{60}$$

$$\left(\frac{1}{5} + \frac{1}{3}\right)^2 + \frac{1}{5}\left(\frac{1}{2} + \left(\frac{3}{5}\right)^2\right) = \frac{1027}{2250}$$

$$\left(5 + \frac{1}{6}\right)^2 - \frac{1}{2} - 2^2 \times \frac{1}{5} = \frac{4571}{180} = 25\frac{71}{180}$$

$$\left(\frac{3}{4} + \left(\frac{1}{5}\right)^2\right) \times \frac{1}{6} - \left(\frac{1}{6} - \frac{2}{5}\right)^2 = \frac{139}{1800}$$

$$\left(\frac{1}{3} - \left(\frac{1}{3}\right)^2\right) \times \frac{2}{3} + \left(\frac{3}{4} + \frac{1}{4}\right)^2 = \frac{31}{27} = 1\frac{4}{27}$$

$$\left(\frac{1}{6} + \frac{2}{5}\right)^2 - \frac{1}{2}\left(\frac{2}{5} + \frac{3}{5}\right) = \left(-\frac{161}{900}\right)$$

$$\left(\frac{1}{2} + \left(\frac{1}{3}\right)^2\right) \times \frac{1}{3} - \left(\frac{1}{5} - \frac{1}{6}\right)^2 = \frac{547}{2700}$$

$$\left(\frac{3}{5} + \frac{1}{3}\right)^2 - \frac{1}{4}\left(\frac{1}{2} + \left(\frac{1}{4}\right)^2\right) = \frac{10519}{14400}$$

$$\left(\left(\frac{1}{6}\right)^2 - \frac{2}{5}\right) \times \frac{1}{3} + \left(\frac{1}{3} - \frac{1}{2}\right)^2 = \left(-\frac{13}{135}\right)$$

$$\left(\frac{3}{4} - \frac{3}{4}\right)^2 + \frac{1}{2}\left(\frac{1}{2} + \frac{1}{3}\right) = \frac{5}{12}$$