



اسم: \_\_\_\_\_

التاريخ: \_\_\_\_\_ النتيجة \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{3} + \left(\frac{3}{2}\right)^2\right) \times \frac{2}{5} + \left(\frac{3}{2} + \frac{3}{5}\right)^2 = \frac{1633}{300} = 5\frac{133}{300} \quad \left(\frac{3}{2} + \frac{1}{4}\right)^2 - \frac{1}{2}\left(\frac{1}{6} + \left(\frac{1}{3}\right)^2\right) = \frac{421}{144} = 2\frac{133}{144}$$

$$\left(2 - \frac{1}{3}\right)^2 + \frac{1}{2} - 5^2 - \frac{1}{2} = \left(-\frac{200}{9}\right) = \left(-22\frac{2}{9}\right) \quad \left(\left(\frac{1}{2}\right)^2 + \frac{1}{3}\right) \times \frac{1}{3} + \left(\frac{1}{2} - \frac{1}{4}\right)^2 = \frac{37}{144}$$

$$\left(\frac{1}{2} + \left(\frac{1}{3}\right)^2\right) \times \frac{3}{2} + \left(\frac{1}{5} + \frac{2}{5}\right)^2 = \frac{383}{300} = 1\frac{83}{300} \quad \left(\frac{2}{5} + \left(\frac{1}{5}\right)^2\right) \times \frac{2}{3} + \left(\frac{1}{4} - \frac{1}{5}\right)^2 = \frac{71}{240}$$

$$\left(\frac{1}{5} - \left(\frac{2}{5}\right)^2\right) \times \frac{1}{6} + \left(\frac{3}{5} + \frac{1}{6}\right)^2 = \frac{107}{180} \quad \left(4 - \frac{2}{3}\right)^2 - \frac{1}{3} + \frac{1}{3} - 2^2 = \frac{64}{9} = 7\frac{1}{9}$$

$$\left(\frac{3}{5} - \frac{3}{2}\right)^2 - \frac{1}{3}\left(\frac{2}{5} + \left(\frac{3}{2}\right)^2\right) = \left(-\frac{11}{150}\right) \quad \left(\frac{2}{5} - \left(\frac{1}{6}\right)^2\right) \times \frac{1}{6} - \left(\frac{3}{2} + \frac{1}{4}\right)^2 = \left(-\frac{6481}{2160}\right) = \left(-3\frac{1}{2160}\right)$$