



Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{2}{5} + \frac{1}{3}\right)^2 - \frac{1}{5}\left(\frac{1}{5} + \left(\frac{1}{6}\right)^2\right) = \frac{443}{900}$$

$$\left(\frac{3}{4} - \left(\frac{3}{4}\right)^2\right) \times \frac{2}{3} - \left(\frac{1}{3} - \frac{3}{4}\right)^2 = \left(-\frac{7}{144}\right)$$

$$\left(3 + \frac{1}{4}\right)^2 + \frac{1}{6} + 5^2 \times \frac{1}{6} = \frac{715}{48} = 14\frac{43}{48}$$

$$\left(5 + \frac{1}{5}\right)^2 + \frac{1}{3} \times \frac{3}{5} + 4^2 = \frac{1081}{25} = 43\frac{6}{25}$$

$$\left(\frac{1}{4} + \frac{1}{4}\right)^2 + \frac{2}{3}\left(\frac{3}{2} - \left(\frac{1}{3}\right)^2\right) = \frac{127}{108} = 1\frac{19}{108}$$

$$\left(\left(\frac{2}{3}\right)^2 - \frac{1}{6}\right) \times \frac{1}{2} - \left(\frac{1}{3} + \frac{3}{2}\right)^2 = \left(-\frac{29}{9}\right) = \left(-3\frac{2}{9}\right)$$

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

$$\left(\frac{1}{2} - \frac{3}{4}\right)^2 + \frac{3}{4}\left(\frac{3}{2} - \left(\frac{2}{3}\right)^2\right) = \frac{41}{48}$$

$$\left(\frac{1}{5} - \left(\frac{1}{6}\right)^2\right) \times \frac{1}{5} - \left(\frac{3}{4} - \frac{1}{6}\right)^2 = \left(-\frac{367}{1200}\right)$$

$$\left(2 + \frac{1}{3}\right)^2 + \frac{1}{5} \times 3^2 + \frac{3}{2} = \frac{787}{90} = 8\frac{67}{90}$$