



Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} + \frac{1}{6}\right)^2 - \frac{3}{5}\left(\frac{2}{3} + \frac{3}{5}\right) = \left(-\frac{71}{225}\right)$$

$$\left(\frac{3}{5} - \left(\frac{2}{5}\right)^2\right) \times \frac{1}{2} - \left(\frac{1}{4} + \frac{1}{2}\right)^2 = \left(-\frac{137}{400}\right)$$

$$\left(\left(\frac{1}{3}\right)^2 - \frac{1}{3}\right) \times \frac{2}{3} + \left(\frac{1}{2} + \frac{1}{5}\right)^2 = \frac{923}{2700}$$

$$\left(\frac{3}{5} + \frac{1}{6}\right)^2 - \frac{2}{5}\left(\frac{1}{2} + \frac{1}{3}\right) = \frac{229}{900}$$

$$\left(3 - \frac{3}{2}\right)^2 + \frac{1}{3} + 5^2 \times \frac{1}{2} = \frac{181}{12} = 15\frac{1}{12}$$

$$\left(4 - \frac{1}{3}\right)^2 - \frac{1}{5} + \frac{1}{4} - 2^2 = \frac{1709}{180} = 9\frac{89}{180}$$

$$\left(\frac{1}{4} + \frac{2}{5}\right)^2 - \frac{2}{3}\left(\frac{1}{2} - \left(\frac{1}{4}\right)^2\right) = \frac{157}{1200}$$

$$\left(\frac{1}{2} + \left(\frac{1}{4}\right)^2\right) \times \frac{3}{2} - \left(\frac{3}{4} + \frac{2}{3}\right)^2 = \left(-\frac{335}{288}\right) = \left(-1\frac{47}{288}\right)$$

$$\left(2 + \frac{1}{2}\right)^2 + \frac{3}{4} + 2^2 + \frac{1}{2} = \frac{23}{2} = 11\frac{1}{2}$$

$$\left(\left(\frac{2}{5}\right)^2 - \frac{3}{5}\right) \times \frac{1}{2} - \left(\frac{1}{2} - \frac{3}{4}\right)^2 = \left(-\frac{113}{400}\right)$$