



Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{2}{5} - \left(\frac{1}{5}\right)^2\right) \times \frac{1}{2} + \left(\frac{1}{2} + \frac{1}{3}\right)^2 = \frac{787}{900}$$

$$\left(\frac{1}{5} + \frac{1}{2}\right)^2 + \frac{1}{2}\left(\frac{1}{2} - \frac{1}{4}\right) = \frac{123}{200}$$

$$\left(\frac{3}{2} + \frac{1}{2}\right)^2 - \frac{1}{6}\left(\frac{1}{2} + \frac{1}{3}\right) = \frac{139}{36} = 3\frac{31}{36}$$

$$\left(\frac{2}{3} - \frac{1}{2}\right)^2 - \frac{3}{5}\left(\frac{1}{4} + \frac{1}{2}\right) = \left(-\frac{19}{45}\right)$$

$$\left(\frac{2}{5} + \frac{1}{2}\right)^2 + \frac{1}{3}\left(\frac{1}{5} - \left(\frac{3}{2}\right)^2\right) = \frac{19}{150}$$

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

$$\left(\frac{1}{5} + \frac{1}{2}\right)^2 - \frac{1}{2}\left(\frac{3}{4} + \left(\frac{1}{6}\right)^2\right) = \frac{91}{900}$$

$$\left(\frac{2}{3} + \left(\frac{1}{3}\right)^2\right) \times \frac{2}{3} + \left(\frac{3}{4} - \frac{2}{3}\right)^2 = \frac{227}{432}$$

$$\left(\frac{1}{2} - \left(\frac{1}{6}\right)^2\right) \times \frac{1}{2} + \left(\frac{1}{2} - \frac{1}{6}\right)^2 = \frac{25}{72}$$

$$\left(5 + \frac{2}{3}\right)^2 + \frac{3}{2} + \frac{3}{2} - 2^2 = \frac{280}{9} = 31\frac{1}{9}$$