



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{5} + \left(\frac{1}{2}\right)^2\right) \times \frac{1}{3} + \left(\frac{2}{3} + \frac{1}{3}\right)^2 = \frac{23}{20} = 1\frac{3}{20}$$

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

$$\left(\left(\frac{3}{2}\right)^2 - \frac{1}{2}\right) \times \frac{1}{2} - \left(\frac{1}{6} + \frac{1}{4}\right)^2 = \frac{101}{144}$$

$$\left(4 + \frac{1}{6}\right)^2 - \frac{1}{2} \times \frac{1}{3} - 2^2 = \frac{475}{36} = 13\frac{7}{36}$$

$$\left(\left(\frac{3}{4}\right)^2 - \frac{1}{2}\right) \times \frac{3}{5} + \left(\frac{2}{3} - \frac{1}{6}\right)^2 = \frac{23}{80}$$

$$\left(\frac{1}{2} - \frac{1}{2}\right)^2 + \frac{2}{5}\left(\frac{1}{4} - \left(\frac{1}{2}\right)^2\right) = 0$$

$$\left(\left(\frac{3}{2}\right)^2 - \frac{1}{4}\right) \times \frac{3}{4} - \left(\frac{1}{4} + \frac{2}{5}\right)^2 = \frac{431}{400} = 1\frac{31}{400}$$

$$\left(\frac{1}{3} - \frac{2}{5}\right)^2 - \frac{3}{2}\left(\frac{1}{3} - \left(\frac{2}{5}\right)^2\right) = \left(-\frac{23}{90}\right)$$

$$\left(\left(\frac{1}{4}\right)^2 - \frac{1}{3}\right) \times \frac{1}{6} - \left(\frac{3}{4} - \frac{1}{5}\right)^2 = \left(-\frac{2503}{7200}\right)$$

$$\left(\left(\frac{1}{5}\right)^2 + \frac{3}{5}\right) \times \frac{3}{5} + \left(\frac{1}{2} + \frac{3}{2}\right)^2 = \frac{548}{125} = 4\frac{48}{125}$$