



StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} + \frac{3}{5}\right)^2 - \frac{2}{5}\left(\frac{2}{5} - \left(\frac{3}{5}\right)^2\right) = \frac{597}{500} = 1\frac{97}{500}$$

$$\left(\frac{1}{3} + \left(\frac{1}{5}\right)^2\right) \times \frac{1}{2} + \left(\frac{1}{2} + \frac{1}{2}\right)^2 = \frac{89}{75} = 1\frac{14}{75}$$

$$\left(\frac{2}{5} + \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{1}{2} + \frac{3}{5}\right) = \frac{979}{900} = 1\frac{79}{900}$$

$$\left(\left(\frac{2}{5}\right)^2 + \frac{2}{3}\right) \times \frac{1}{3} - \left(\frac{2}{5} - \frac{1}{2}\right)^2 = \frac{239}{900}$$

$$\left(\left(\frac{2}{3}\right)^2 - \frac{3}{2}\right) \times \frac{1}{3} - \left(\frac{1}{2} - \frac{1}{2}\right)^2 = \left(-\frac{19}{54}\right)$$

$$\left(\left(\frac{1}{5}\right)^2 - \frac{2}{5}\right) \times \frac{3}{5} + \left(\frac{1}{4} - \frac{3}{2}\right)^2 = \frac{2693}{2000} = 1\frac{693}{2000}$$

$$\left(3 - \frac{1}{5}\right)^2 + \frac{2}{3} - \frac{3}{4} + 3^2 = \frac{5027}{300} = 16\frac{227}{300}$$

$$\left(\frac{1}{3} - \frac{1}{3}\right)^2 - \frac{3}{4}\left(\frac{3}{2} + \frac{1}{3}\right) = \left(-\frac{11}{8}\right) = \left(-1\frac{3}{8}\right)$$

$$\left(4 + \frac{1}{6}\right)^2 + \frac{2}{3} - 5^2 - \frac{1}{5} = \left(-\frac{1291}{180}\right) = \left(-7\frac{31}{180}\right)$$

$$\left(\left(\frac{3}{5}\right)^2 - \frac{3}{4}\right) \times \frac{2}{5} - \left(\frac{3}{2} - \frac{1}{3}\right)^2 = \left(-\frac{6827}{4500}\right) = \left(-1\frac{2327}{4500}\right)$$