



StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{3} + \frac{1}{3}\right)^2 + \frac{3}{4}\left(\frac{3}{4} - \left(\frac{2}{3}\right)^2\right) = \frac{97}{144}$$

$$\left(\frac{1}{2} - \frac{3}{2}\right)^2 + \frac{1}{2}\left(\frac{3}{4} - \frac{2}{3}\right) = \frac{25}{24} = 1\frac{1}{24}$$

$$\left(\frac{1}{2} + \frac{2}{3}\right)^2 - \frac{3}{5}\left(\frac{1}{2} - \frac{1}{2}\right) = \frac{49}{36} = 1\frac{13}{36}$$

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

$$\left(\left(\frac{3}{4}\right)^2 - \frac{1}{3}\right) \times \frac{3}{2} - \left(\frac{3}{2} - \frac{1}{4}\right)^2 = \left(-\frac{39}{32}\right) = \left(-1\frac{7}{32}\right)$$

$$\left(4 - \frac{1}{2}\right)^2 - \frac{3}{4} - \frac{2}{3} - 3^2 = \frac{11}{6} = 1\frac{5}{6}$$

$$\left(\frac{1}{4} + \left(\frac{3}{2}\right)^2\right) \times \frac{1}{3} - \left(\frac{1}{6} + \frac{1}{2}\right)^2 = \frac{7}{18}$$

$$\left(\frac{1}{5} - \left(\frac{3}{4}\right)^2\right) \times \frac{1}{5} - \left(\frac{3}{2} + \frac{1}{3}\right)^2 = \left(-\frac{12361}{3600}\right) = \left(-3\frac{1561}{3600}\right)$$

$$\left(\frac{1}{2} + \frac{1}{3}\right)^2 + \frac{1}{2}\left(\frac{3}{2} - \frac{1}{4}\right) = \frac{95}{72} = 1\frac{23}{72}$$

$$\left(\left(\frac{1}{2}\right)^2 + \frac{3}{4}\right) \times \frac{3}{2} - \left(\frac{2}{3} + \frac{1}{6}\right)^2 = \frac{29}{36}$$