



StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{3} + \frac{3}{4}\right)^2 + \frac{3}{4}\left(\frac{3}{5} + \left(\frac{1}{2}\right)^2\right) = \frac{163}{90} = 1\frac{73}{90}$$

$$\left(3 + \frac{1}{3}\right)^2 + \frac{1}{6} + 3^2 - \frac{1}{2} = \frac{178}{9} = 19\frac{7}{9}$$

$$\left(\frac{3}{2} + \frac{1}{2}\right)^2 + \frac{2}{5}\left(\frac{1}{2} - \left(\frac{2}{5}\right)^2\right) = \frac{517}{125} = 4\frac{17}{125}$$

$$\left(5 - \frac{1}{2}\right)^2 - \frac{1}{2} + \frac{1}{4} + 4^2 = 36$$

$$\left(\frac{1}{3} - \frac{3}{5}\right)^2 - \frac{3}{4}\left(\frac{2}{5} - \frac{2}{3}\right) = \frac{61}{225}$$

$$\left(\left(\frac{1}{3}\right)^2 - \frac{1}{3}\right) \times \frac{3}{4} + \left(\frac{1}{2} - \frac{2}{5}\right)^2 = \left(-\frac{47}{300}\right)$$

$$\left(\frac{1}{2} - \left(\frac{3}{5}\right)^2\right) \times \frac{1}{2} - \left(\frac{2}{5} - \frac{2}{5}\right)^2 = \frac{7}{100}$$

$$\left(\frac{1}{6} + \frac{1}{2}\right)^2 + \frac{3}{4}\left(\frac{1}{2} - \left(\frac{1}{6}\right)^2\right) = \frac{115}{144}$$

$$\left(5 - \frac{1}{2}\right)^2 - \frac{1}{5} - \frac{1}{2} \times 4^2 = \frac{241}{20} = 12\frac{1}{20}$$

$$\left(3 - \frac{2}{5}\right)^2 - \frac{3}{5} + \frac{1}{5} \times 2^2 = \frac{174}{25} = 6\frac{24}{25}$$