



StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} + \frac{1}{2}\right)^2 - \frac{1}{2}\left(\frac{1}{5} + \left(\frac{2}{5}\right)^2\right) = \frac{41}{50}$$

$$\left(\left(\frac{2}{5}\right)^2 + \frac{1}{5}\right) \times \frac{1}{2} + \left(\frac{3}{4} + \frac{1}{5}\right)^2 = \frac{433}{400} = 1\frac{33}{400}$$

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

$$\left(4 + \frac{3}{4}\right)^2 - \frac{3}{5} + \frac{1}{2} \times 3^2 = \frac{2117}{80} = 26\frac{37}{80}$$

$$\left(4 + \frac{1}{5}\right)^2 + \frac{1}{4} \times \frac{1}{2} + 2^2 = \frac{4353}{200} = 21\frac{153}{200}$$

$$\left(\frac{1}{5} - \frac{1}{6}\right)^2 - \frac{3}{4}\left(\frac{1}{2} + \frac{2}{5}\right) = \left(-\frac{1213}{1800}\right)$$

$$\left(5 + \frac{1}{2}\right)^2 - \frac{1}{3} \times \frac{3}{2} + 3^2 = \frac{155}{4} = 38\frac{3}{4}$$

$$\left(\frac{1}{5} - \frac{2}{3}\right)^2 - \frac{1}{3}\left(\frac{1}{2} + \left(\frac{3}{5}\right)^2\right) = \left(-\frac{31}{450}\right)$$

$$\left(3 - \frac{3}{4}\right)^2 + \frac{3}{2} + 2^2 \times \frac{3}{2} = \frac{201}{16} = 12\frac{9}{16}$$

$$\left(\left(\frac{1}{3}\right)^2 - \frac{1}{2}\right) \times \frac{2}{3} - \left(\frac{3}{5} + \frac{3}{2}\right)^2 = \left(-\frac{12607}{2700}\right) = \left(-4\frac{1807}{2700}\right)$$