



Nom: _____

Date: _____ Note: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{3} - \frac{1}{3}\right)^2 - \frac{1}{5}\left(\frac{1}{3} - \left(\frac{3}{5}\right)^2\right) = \frac{2}{375}$$

$$\left(3 + \frac{3}{4}\right)^2 - \frac{1}{3} \times \frac{2}{3} \times 3^2 = \frac{193}{16} = 12\frac{1}{16}$$

$$\left(\frac{1}{6} - \frac{1}{3}\right)^2 - \frac{2}{3}\left(\frac{2}{3} - \frac{2}{5}\right) = \left(-\frac{3}{20}\right)$$

$$\left(\left(\frac{3}{2}\right)^2 + \frac{1}{2}\right) \times \frac{1}{3} + \left(\frac{3}{4} - \frac{3}{4}\right)^2 = \frac{11}{12}$$

$$\left(\frac{3}{2} + \frac{1}{3}\right)^2 + \frac{3}{5}\left(\frac{1}{2} + \left(\frac{2}{3}\right)^2\right) = \frac{707}{180} = 3\frac{167}{180}$$

$$\left(\frac{1}{2} - \frac{1}{4}\right)^2 - \frac{1}{2}\left(\frac{3}{2} + \left(\frac{1}{2}\right)^2\right) = \left(-\frac{13}{16}\right)$$

$$\left(\frac{2}{5} - \left(\frac{2}{5}\right)^2\right) \times \frac{1}{3} + \left(\frac{1}{4} - \frac{3}{4}\right)^2 = \frac{33}{100}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{3}{2}\right) \times \frac{1}{2} - \left(\frac{1}{3} - \frac{1}{3}\right)^2 = \left(-\frac{5}{8}\right)$$

$$\left(\left(\frac{1}{6}\right)^2 + \frac{1}{3}\right) \times \frac{1}{6} + \left(\frac{2}{5} + \frac{2}{3}\right)^2 = \frac{6469}{5400} = 1\frac{1069}{5400}$$

$$\left(\frac{1}{4} + \frac{1}{2}\right)^2 - \frac{1}{2}\left(\frac{1}{6} - \left(\frac{2}{5}\right)^2\right) = \frac{671}{1200}$$