



Name: _____

Date: _____ Score: _____

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

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

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

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

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

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

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

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

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

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