



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} + \frac{1}{5}\right)^2 + \frac{1}{5}\left(\frac{3}{4} - \left(\frac{1}{2}\right)^2\right) = \frac{59}{100}$$

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

$$\left(\frac{1}{2} + \frac{1}{2}\right)^2 + \frac{1}{2}\left(\frac{3}{2} + \left(\frac{1}{2}\right)^2\right) = \frac{15}{8} = 1\frac{7}{8}$$

$$\left(5 + \frac{1}{6}\right)^2 - \frac{1}{3} - \frac{1}{3} - 2^2 = \frac{793}{36} = 22\frac{1}{36}$$

$$\left(\frac{1}{2} + \frac{1}{3}\right)^2 - \frac{1}{2}\left(\frac{2}{5} + \frac{1}{2}\right) = \frac{11}{45}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{5}\right) \times \frac{1}{4} + \left(\frac{1}{2} + \frac{3}{2}\right)^2 = \frac{321}{80} = 4\frac{1}{80}$$

$$\left(3 - \frac{1}{3}\right)^2 - \frac{2}{3} \times 2^2 \times \frac{1}{2} = \frac{52}{9} = 5\frac{7}{9}$$

$$\left(\frac{1}{2} + \frac{3}{2}\right)^2 + \frac{1}{2}\left(\frac{1}{5} + \frac{1}{2}\right) = \frac{87}{20} = 4\frac{7}{20}$$

$$\left(4 + \frac{1}{3}\right)^2 + \frac{3}{4} - \frac{2}{3} \times 2^2 = \frac{607}{36} = 16\frac{31}{36}$$

$$\left(\frac{1}{3} + \frac{3}{2}\right)^2 - \frac{1}{3}\left(\frac{1}{2} - \frac{2}{5}\right) = \frac{599}{180} = 3\frac{59}{180}$$