



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

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

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{2} + \frac{3}{5}\right)^2 + \frac{3}{5}\left(\frac{3}{2} + \left(\frac{3}{2}\right)^2\right) = \frac{333}{50} = 6\frac{33}{50}$$

$$\left(\frac{1}{2} + \left(\frac{3}{2}\right)^2\right) \times \frac{1}{5} + \left(\frac{1}{5} - \frac{1}{2}\right)^2 = \frac{16}{25}$$

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

$$\left(5 + \frac{2}{3}\right)^2 + \frac{1}{2} \times 5^2 \times \frac{1}{3} = \frac{653}{18} = 36\frac{5}{18}$$

$$\left(4 + \frac{1}{2}\right)^2 - \frac{1}{2} \times 5^2 - \frac{1}{6} = \frac{91}{12} = 7\frac{7}{12}$$

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

$$\left(2 + \frac{1}{2}\right)^2 - \frac{1}{6} - \frac{1}{5} + 3^2 = \frac{893}{60} = 14\frac{53}{60}$$

$$\left(4 + \frac{1}{4}\right)^2 - \frac{3}{2} \times \frac{1}{2} + 4^2 = \frac{533}{16} = 33\frac{5}{16}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{1}{3}\right) \times \frac{1}{3} + \left(\frac{3}{4} - \frac{2}{5}\right)^2 = \frac{341}{3600}$$

$$\left(\left(\frac{3}{2}\right)^2 + \frac{1}{2}\right) \times \frac{1}{4} - \left(\frac{1}{4} - \frac{1}{3}\right)^2 = \frac{49}{72}$$