



StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{2} + \left(\frac{3}{2}\right)^2\right) \times \frac{1}{3} - \left(\frac{1}{4} + \frac{3}{2}\right)^2 = \left(-\frac{103}{48}\right) = \left(-2\frac{7}{48}\right) \quad \left(\frac{1}{2} - \frac{1}{5}\right)^2 - \frac{1}{6}\left(\frac{3}{5} + \left(\frac{2}{3}\right)^2\right) = \left(-\frac{227}{2700}\right)$$

$$\left(\frac{1}{5} + \frac{1}{3}\right)^2 + \frac{1}{6}\left(\frac{1}{6} + \left(\frac{3}{4}\right)^2\right) = \frac{2923}{7200} \quad \left(\left(\frac{1}{6}\right)^2 + \frac{1}{2}\right) \times \frac{3}{5} - \left(\frac{2}{5} - \frac{1}{6}\right)^2 = \frac{59}{225}$$

$$\left(4 + \frac{2}{5}\right)^2 + \frac{1}{3} \times \frac{3}{4} + 2^2 = \frac{2361}{100} = 23\frac{61}{100} \quad \left(3 - \frac{1}{2}\right)^2 + \frac{3}{4} \times \frac{2}{3} - 2^2 = \frac{11}{4} = 2\frac{3}{4}$$

$$\left(3 - \frac{1}{2}\right)^2 + \frac{1}{3} \times \frac{1}{5} \times 3^2 = \frac{137}{20} = 6\frac{17}{20} \quad \left(3 + \frac{1}{4}\right)^2 - \frac{1}{5} - 5^2 + \frac{1}{4} = \left(-\frac{1151}{80}\right) = \left(-14\frac{31}{80}\right)$$

$$\left(3 + \frac{3}{4}\right)^2 - \frac{1}{5} + 3^2 + \frac{1}{2} = \frac{1869}{80} = 23\frac{29}{80} \quad \left(3 + \frac{3}{4}\right)^2 + \frac{3}{4} \times \frac{1}{5} \times 3^2 = \frac{1233}{80} = 15\frac{33}{80}$$