



Name: _____

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{3}{4} + \left(\frac{2}{5}\right)^2\right) \times \frac{1}{6} - \left(\frac{2}{3} + \frac{1}{2}\right)^2 = \left(-\frac{2177}{1800}\right) = \left(-1\frac{377}{1800}\right) \quad \left(\left(\frac{1}{2}\right)^2 + \frac{1}{5}\right) \times \frac{1}{3} - \left(\frac{1}{2} - \frac{1}{5}\right)^2 = \frac{3}{50}$$

$$\left(\left(\frac{1}{2}\right)^2 - \frac{3}{5}\right) \times \frac{2}{3} - \left(\frac{1}{2} + \frac{1}{3}\right)^2 = \left(-\frac{167}{180}\right) \quad \left(4 - \frac{1}{2}\right)^2 - \frac{1}{4} \times 3^2 + \frac{1}{2} = \frac{21}{2} = 10\frac{1}{2}$$

$$\left(4 - \frac{3}{4}\right)^2 + \frac{1}{2} + \frac{2}{5} \times 4^2 = \frac{1397}{80} = 17\frac{37}{80} \quad \left(\frac{3}{2} + \frac{2}{3}\right)^2 - \frac{3}{2}\left(\frac{1}{2} - \frac{1}{3}\right) = \frac{40}{9} = 4\frac{4}{9}$$

$$\left(3 - \frac{1}{2}\right)^2 - \frac{1}{2} \times 4^2 - \frac{1}{2} = \left(-\frac{9}{4}\right) = \left(-2\frac{1}{4}\right) \quad \left(\frac{1}{5} + \frac{2}{5}\right)^2 + \frac{1}{2}\left(\frac{3}{2} - \frac{1}{5}\right) = \frac{101}{100} = 1\frac{1}{100}$$

$$\left(2 - \frac{3}{5}\right)^2 + \frac{2}{3} - 5^2 + \frac{1}{2} = \left(-\frac{3281}{150}\right) = \left(-21\frac{131}{150}\right) \quad \left(3 - \frac{3}{2}\right)^2 + \frac{2}{3} - 4^2 + \frac{3}{5} = \left(-\frac{749}{60}\right) = \left(-12\frac{29}{60}\right)$$