



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

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

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

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

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

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

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

$$(2 - \frac{3}{5})^2 - \frac{3}{5} \times 3^2 - \frac{2}{3} =$$

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

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

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

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



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$$(4 + \frac{1}{2})^2 - \frac{3}{5} - 5^2 + \frac{2}{3} = (-\frac{281}{60}) = (-4\frac{41}{60}) \quad (\frac{1}{2} - \frac{2}{3})^2 - \frac{1}{4}(\frac{2}{3} - \frac{2}{5}) = (-\frac{7}{180})$$

$$(\frac{1}{3} - \frac{2}{3})^2 + \frac{3}{4}(\frac{1}{6} + (\frac{1}{4})^2) = \frac{163}{576} \quad ((\frac{2}{5})^2 - \frac{3}{2}) \times \frac{1}{2} - (\frac{1}{2} + \frac{1}{3})^2 = (-\frac{307}{225}) = (-1\frac{82}{225})$$

$$(\frac{1}{3} + \frac{1}{4})^2 - \frac{1}{2}(\frac{1}{3} + \frac{1}{2}) = (-\frac{11}{144}) \quad (2 - \frac{3}{5})^2 - \frac{3}{5} \times 3^2 - \frac{2}{3} = (-\frac{308}{75}) = (-4\frac{8}{75})$$

$$(4 - \frac{1}{4})^2 - \frac{1}{5} + 4^2 - \frac{3}{5} = \frac{2341}{80} = 29\frac{21}{80} \quad (4 - \frac{1}{2})^2 + \frac{1}{2} + \frac{1}{3} - 4^2 = (-\frac{35}{12}) = (-2\frac{11}{12})$$

$$(\frac{1}{2} + (\frac{1}{2})^2) \times \frac{3}{2} + (\frac{2}{5} - \frac{1}{6})^2 = \frac{2123}{1800} = 1\frac{323}{1800} \quad (\frac{3}{2} + (\frac{3}{2})^2) \times \frac{1}{3} + (\frac{2}{3} - \frac{1}{2})^2 = \frac{23}{18} = 1\frac{5}{18}$$