Order of Operations with Fractions (D)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\left(-\frac{3}{5}\right) - \frac{5}{8} \div \left(-\frac{3}{8}\right)$

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

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

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

$\left(-\frac{2}{5}\right) \times \left(\frac{1}{8} - \left(-\frac{5}{6}\right)\right)$

$\left(-\frac{1}{4}\right) \times \frac{2}{9} - \frac{5}{9}$

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$\left(-\frac{3}{5}\right) - \frac{5}{8} \div \left(-\frac{3}{8}\right)$

$= \left(-\frac{3}{5}\right) - \left(-\frac{5}{3}\right)$

$= \frac{16}{15}$

$= 1\frac{1}{15}$

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

$= \left(-\frac{2}{15}\right) \times \left(-\frac{1}{2}\right)$

$= \frac{1}{15}$

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

$= \frac{4}{9} - \left(-\frac{1}{5}\right)$

$= \frac{29}{45}$

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

$= \left(-\frac{2}{5}\right) + \left(-\frac{5}{8}\right)$

$= -\frac{41}{40}$

$= -1\frac{1}{40}$

$\left(-\frac{2}{5}\right) \times \left(\frac{1}{8} - \left(-\frac{5}{6}\right)\right)$

$= \left(-\frac{2}{5}\right) \times \frac{23}{24}$

$= -\frac{23}{60}$

$\left(-\frac{1}{4}\right) \times \frac{2}{9} - \frac{5}{9}$

$= \left(-\frac{1}{18}\right) - \frac{5}{9}$

$= -\frac{11}{18}$