Order of Operations with Fractions (B)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\frac{1}{6} + \frac{3}{8} \times \frac{7}{9}$

$\frac{8}{9} \times \left(\frac{1}{3} + \frac{5}{9}\right)$

$\frac{8}{9} \div \frac{4}{9} + \frac{3}{8}$

$\frac{1}{4} + \frac{3}{8} \times \frac{1}{3}$

$\frac{5}{6} \div \frac{3}{4} - \frac{1}{5}$

$\left(\frac{2}{9} + \frac{8}{9}\right) \times \frac{1}{6}$

$\frac{3}{8} + \frac{1}{2} \times \frac{1}{8}$

$\left(\frac{1}{2} + \frac{2}{5}\right) \times \frac{7}{8}$

$\frac{2}{3} \div \frac{8}{9} + \frac{5}{9}$

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Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$\frac{1}{6} + \frac{3}{8} \times \frac{7}{9}$

$= \frac{1}{6} + \frac{7}{24}$

$= \frac{11}{24}$

$\frac{8}{9} \times \left(\frac{1}{3} + \frac{5}{9}\right)$

$= \frac{8}{9} \times \frac{8}{9}$

$= \frac{64}{81}$

$\frac{8}{9} \div \frac{4}{9} + \frac{3}{8}$

$= 2 + \frac{3}{8}$

$= \frac{19}{8}$

$= 2\frac{3}{8}$

$\frac{1}{4} + \frac{3}{8} \times \frac{1}{3}$

$= \frac{1}{4} + \frac{1}{8}$

$= \frac{3}{8}$

$\frac{5}{6} \div \frac{3}{4} - \frac{1}{5}$

$= \frac{10}{9} - \frac{1}{5}$

$= \frac{41}{45}$

$\left(\frac{2}{9} + \frac{8}{9}\right) \times \frac{1}{6}$

$= \frac{10}{9} \times \frac{1}{6}$

$= \frac{5}{27}$

$\frac{3}{8} + \frac{1}{2} \times \frac{1}{8}$

$= \frac{3}{8} + \frac{1}{16}$

$= \frac{7}{16}$

$\left(\frac{1}{2} + \frac{2}{5}\right) \times \frac{7}{8}$

$= \frac{9}{10} \times \frac{7}{8}$

$= \frac{63}{80}$

$\frac{2}{3} \div \frac{8}{9} + \frac{5}{9}$

$= \frac{3}{4} + \frac{5}{9}$

$= \frac{47}{36}$

$= 1\frac{11}{36}$