Name _____

Order of Operations with Fractions

Simplify each expression inside the parentheses, then subtracting the result from the second set of parentheses.

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

$\frac{17}{10}$ or $1\frac{7}{10}$

2) $\left(\frac{5}{6} \div \frac{3}{8}\right) - \left(\frac{2}{7} \times \frac{1}{5}\right)$

$\frac{682}{315}$ or $2\frac{52}{315}$

3) $\left(\frac{2}{3} \div \frac{1}{5}\right) - \left(\frac{7}{9} \times \frac{1}{4}\right)$

$\frac{113}{36}$ or $3\frac{5}{36}$

4) $\left(\frac{3}{7} \div \frac{1}{9}\right) - \left(\frac{1}{2} \times \frac{5}{6}\right)$

$\frac{289}{84}$ or $3\frac{37}{84}$

5) $\left(\frac{3}{5} \div \frac{1}{6}\right) - \left(\frac{2}{9} \times \frac{3}{8}\right)$

$\frac{211}{60}$ or $3\frac{31}{60}$

6) $\left(\frac{5}{8} \div \frac{1}{3}\right) - \left(\frac{4}{7} \times \frac{2}{5}\right)$

$\frac{461}{280}$ or $1\frac{181}{280}$

7) $\left(\frac{2}{3} \div \frac{4}{7}\right) - \left(\frac{1}{6} \times \frac{2}{9}\right)$

$\frac{61}{54}$ or $1\frac{7}{54}$

8) $\left(\frac{3}{8} \div \frac{2}{9}\right) - \left(\frac{5}{6} \times \frac{1}{4}\right)$

$\frac{71}{48}$ or $1\frac{23}{48}$

9) $\left(\frac{4}{5} \div \frac{1}{2}\right) - \left(\frac{5}{7} \times \frac{1}{9}\right)$

$\frac{479}{315}$ or $1\frac{164}{315}$

10) $\left(\frac{2}{5} \div \frac{1}{4}\right) - \left(\frac{3}{7} \times \frac{2}{9}\right)$

$\frac{158}{105}$ or $1\frac{53}{105}$

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