Fraction operations in several steps

Name: _____ Date: _____ Score: _____ / 12

Solve step by step, following the order of operations.

1. $\left(\frac{2}{3} + \frac{1}{2}\right) + \frac{1}{3} = \frac{\square}{\square}$

2. $\frac{8}{15} \times \left(\frac{1}{5} - 2\right) = \frac{\square}{\square}$

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

4. $\frac{1}{4} \div (-2) - \frac{1}{3} = \frac{\square}{\square}$

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

6 $\left(\frac{1}{2}\right)^{2} - \frac{1}{3} = \frac{\square}{\square}$

7 $\left(\frac{7}{8} - \left(-\frac{1}{2}\right)\right) \div \left(\frac{7}{4} - \frac{17}{16}\right) = \square$

8 $\frac{23}{30} + \left(\frac{2}{9} \div \left(-\frac{7}{12}\right)\right) = \frac{\square}{\square}$

9 $\frac{2}{3} \times \frac{1}{5} + 3 = \frac{\square}{\square}$

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10 $\left(\frac{4}{5} \div \frac{1}{5}\right) \times \frac{3}{4} = \square$

11 $\left(\frac{1}{5} \div \frac{7}{15}\right) + \left(\frac{1}{6} + \frac{37}{30}\right) = \frac{\square}{\square}$

12 $3 \times \frac{4}{5} - 6 = \frac{\square}{\square}$