Fraction operations in several steps

Name: _____ Date: _____ Score: _____ / 16

Solve step by step, following the order of operations.

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

2. $\left(\frac{52}{27} - 5\right) \times \left(\frac{1}{2} \div \frac{19}{27}\right) = \frac{\square}{\square}$

3. $\frac{1}{20} \div \left(\frac{1}{4} - \frac{1}{2}\right) = \frac{\square}{\square}$

4. $\frac{1}{2} \times \left(-\frac{4}{7}\right) + \frac{1}{3} = \frac{\square}{\square}$

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5. $\left(\frac{1}{3} + \frac{25}{21}\right) \div \frac{6}{7} = \frac{\square}{\square}$

6. $\left((-3) + \frac{1}{2}\right) \times \left(-\frac{6}{11}\right) = \frac{\square}{\square}$

7. $\frac{3}{2} \times \left(\frac{1}{2} - (-5)\right) = \frac{\square}{\square}$

8. $\left(\frac{9}{10}\right)^2 - \frac{2}{5} = \frac{\square}{\square}$

9. $\frac{2}{3} + \frac{1}{5} \div (-4) = \frac{\square}{\square}$

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10 $\left(\left(-\frac{1}{3}\right) + \frac{2}{3}\right) \div \left(\frac{1}{4} - \frac{1}{6}\right) = \square$

11 $(-5) - \frac{25}{27} \div 2 = \frac{\square}{\square}$

12 $\left(\left(-\frac{5}{12}\right) - \frac{8}{9}\right) + \frac{2}{9} = \frac{\square}{\square}$

13 $\left(\frac{2}{3}\right)^2 \div \frac{28}{15} = \frac{\square}{\square}$

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14 $\frac{1}{4} \div \left(\frac{7}{8} \div \frac{5}{11}\right) = \frac{\square}{\square}$

15 $\left(\frac{21}{22} - \frac{1}{2}\right) - \left(\frac{3}{4} - 3\right) = \frac{\square}{\square}$

16 $\frac{1}{12} + \left(\frac{1}{9} - 5\right) = \frac{\square}{\square}$