Fraction operations in several steps

Name: _____ Date: _____ Score: _____ / 20

Solve step by step, following the order of operations.

1. $\left(\frac{11}{12} \div \frac{9}{10}\right) \times \frac{2}{5} = \frac{\square}{\square}$

2. $\frac{2}{15} \times \left(\frac{4}{9} \div \frac{4}{5}\right) = \frac{\square}{\square}$

3. $3 + \frac{1}{5} \div \frac{1}{2} = \frac{\square}{\square}$

4. $3 + 5 \div 4 = \frac{\square}{\square}$

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5. $\frac{4}{9} \div 3 + \frac{7}{9} = \frac{\square}{\square}$

6. $\frac{5}{6} + \frac{1}{6} \times \frac{2}{3} = \frac{\square}{\square}$

7. $\frac{1}{2} \times \left(\frac{5}{14} \times 6\right) = \frac{\square}{\square}$

8. $\left(\frac{1}{3} \times 5\right) \times \frac{9}{10} = \frac{\square}{\square}$

9. $4 \times \frac{1}{4} - \frac{1}{2} = \frac{\square}{\square}$

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10 $\frac{13}{12} \div \frac{5}{6} + \frac{1}{2} = \frac{\square}{\square}$

11 $\frac{4}{9} \times \left(\frac{17}{18} \times 3\right) = \frac{\square}{\square}$

12 $\left(\frac{1}{2} \times \frac{1}{9}\right) \times 6 = \frac{\square}{\square}$

13 $6 + \left(\frac{2}{9} + 5\right) = \frac{\square}{\square}$

14 $2 + \frac{7}{6} \div \frac{1}{2} = \frac{\square}{\square}$

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15 $\left(3 \times \frac{1}{2}\right) \div \frac{3}{20} = \square$

16 $\frac{1}{8} + 4 \times \frac{1}{2} = \frac{\square}{\square}$

17 $\frac{3}{8} + 2 \div 6 = \frac{\square}{\square}$

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18 $\frac{3}{4} + \left(\frac{1}{2} \div \frac{11}{16}\right) = \frac{\square}{\square}$

19 $\left(\frac{4}{5} \div \frac{1}{5}\right) \times \frac{14}{15} = \frac{\square}{\square}$

20 $\frac{1}{3} \div 3 + \frac{1}{2} = \frac{\square}{\square}$