Fraction operations in several steps · Answer key

1. $(\frac{11}{12} \div \frac{9}{10}) \times \frac{2}{5} = \mathbf{\frac{11}{27}}$

2. $\frac{2}{15} \times (\frac{4}{9} \div \frac{4}{5}) = \mathbf{\frac{2}{27}}$

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

4. $3 + 5 \div 4 = \mathbf{4\frac{1}{4}}$

5. $\frac{4}{9} \div 3 + \frac{7}{9} = \mathbf{\frac{25}{27}}$

6. $\frac{5}{6} + \frac{1}{6} \times \frac{2}{3} = \mathbf{\frac{17}{18}}$

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

8. $(\frac{1}{3} \times 5) \times \frac{9}{10} = \mathbf{1\frac{1}{2}}$

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

10. $\frac{13}{12} \div \frac{5}{6} + \frac{1}{2} = \mathbf{1\frac{4}{5}}$

11. $\frac{4}{9} \times (\frac{17}{18} \times 3) = \mathbf{1\frac{7}{27}}$

12. $(\frac{1}{2} \times \frac{1}{9}) \times 6 = \mathbf{\frac{1}{3}}$

13. $6 + (\frac{2}{9} + 5) = \mathbf{11\frac{2}{9}}$

14. $2 + \frac{7}{6} \div \frac{1}{2} = \mathbf{4\frac{1}{3}}$

15. $(3 \times \frac{1}{2}) \div \frac{3}{20} = \mathbf{10}$

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

17. $\frac{3}{8} + 2 \div 6 = \mathbf{\frac{17}{24}}$

18. $\frac{3}{4} + (\frac{1}{2} \div \frac{11}{16}) = \mathbf{1\frac{21}{44}}$

19. $(\frac{4}{5} \div \frac{1}{5}) \times \frac{14}{15} = \mathbf{3\frac{11}{15}}$

20. $\frac{1}{3} \div 3 + \frac{1}{2} = \mathbf{\frac{11}{18}}$