

ANSWER KEY

For #1 – 8, complete the indicated operation. Simplify and express your answer as an improper fraction if necessary.

$$1. \frac{6}{7} - \frac{2}{7} = \underline{\frac{4}{7}} \quad 2. \frac{14}{15} + \frac{2}{15} = \underline{\frac{16}{15}} \quad 3. \frac{1}{3} \div \frac{1}{8} = \underline{\frac{8}{3}} \quad 4. \frac{1}{2} \cdot \frac{1}{6} = \underline{\frac{1}{12}}$$

$$5. \frac{5}{8} - \frac{1}{4} = \underline{\frac{3}{8}} \quad 6. \frac{21}{25} \cdot \frac{4}{7} = \underline{\frac{12}{25}} \quad 7. \frac{5}{9} \div \frac{1}{3} = \underline{\frac{5}{3}} \quad 8. \frac{5}{6} + \frac{1}{2} = \underline{\frac{4}{3}}$$

For #9 – 24, complete the operation(s). Simplify and express your answer as a mixed number if necessary.

$$9. \frac{3}{8} \cdot \frac{2}{21} = \underline{\frac{1}{28}} \quad 10. \frac{4}{5} + \frac{3}{8} = \underline{1\frac{7}{40}} \quad 11. \frac{3}{4} \div 6 = \underline{\frac{1}{8}} \quad 12. 4 - \frac{1}{5} = \underline{3\frac{4}{5}}$$

$$13. 4\frac{1}{2} + \frac{1}{3} - \frac{5}{6} = \underline{4} \quad 14. \frac{7}{25} \cdot \frac{5}{14} \cdot \frac{10}{11} = \underline{\frac{1}{11}} \quad 15. 2\frac{1}{8} - 1\frac{3}{4} + 1\frac{1}{2} = \underline{1\frac{7}{8}}$$

$$16. 2 - \frac{2}{3} + \frac{2}{9} = \underline{1\frac{5}{9}} \quad 17. 3\frac{3}{4} \div 1\frac{1}{2} \cdot 1\frac{3}{5} = \underline{4} \quad 18. 5\frac{7}{10} + 2\frac{1}{5} - 1\frac{1}{2} = \underline{6\frac{2}{5}}$$

$$19. \frac{13}{16} \div \frac{3}{4} \div \frac{5}{12} \cdot \frac{1}{9} = \underline{\frac{13}{45}} \quad 20. 4 \cdot 1\frac{5}{8} \div 3\frac{1}{4} + 1\frac{1}{6} = \underline{3\frac{1}{6}}$$

$$21. \frac{1}{6} \div \frac{5}{4} \cdot \frac{5}{12} + \frac{1}{9} - \frac{1}{12} = \underline{\frac{1}{12}} \quad 22. 3\frac{1}{3} \div 1\frac{1}{6} \div 10 + 2\frac{1}{3} - 1\frac{5}{7} = \underline{\frac{19}{21}}$$

$$23. \frac{7}{3} \cdot \frac{15}{4} \div \frac{21}{10} + \frac{2}{3} - \frac{5}{12} - \frac{1}{6} = \underline{4\frac{1}{4}} \quad 24. 2\frac{1}{4} \div \frac{6}{25} \cdot \frac{2}{5} - 1 + \frac{1}{3} - 1\frac{5}{6} = \underline{1\frac{1}{4}}$$