Operations with Two Mixed Fractions (I)

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $5\dfrac{1}{4} + 1\dfrac{3}{4}$ = — + — = —— = — =

2. $5\dfrac{1}{6} + 3\dfrac{1}{3}$ = — + — = —— = — = ——

3. $1\dfrac{1}{2} \times 5\dfrac{8}{9}$ = — × —— = —— = — = ——

4. $5\dfrac{2}{9} + 1\dfrac{1}{9}$ = — + — = —— = — = ——

5. $2\dfrac{11}{12} \div 5\dfrac{1}{3}$ = —— ÷ —— = —— × —— = —— = ——

6. $5\dfrac{2}{9} \times 1\dfrac{1}{2}$ = —— × —— = —— = — = ——

7. $5\dfrac{1}{2} \div 1\dfrac{3}{10}$ = —— ÷ —— = —— × —— = —— = —— = ——

8. $5\dfrac{1}{4} - 2\dfrac{3}{4}$ = —— – —— = —— = — = ——

9. $4\dfrac{5}{6} \div 5\dfrac{1}{2}$ = —— ÷ —— = —— × —— = —— = ——

10. $1\dfrac{1}{2} \times 5\dfrac{1}{7}$ = —— × —— = —— = — = ——

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Operations with Two Mixed Fractions (I) Answers

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $5\frac{1}{4} + 1\frac{3}{4} = \frac{21}{4} + \frac{7}{4} = \frac{28}{4} = \frac{7}{1} = 7$

2. $5\frac{1}{6} + 3\frac{1}{3} = \frac{31}{6} + \frac{10}{3} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$

3. $1\frac{1}{2} \times 5\frac{8}{9} = \frac{3}{2} \times \frac{53}{9} = \frac{159}{18} = \frac{53}{6} = 8\frac{5}{6}$

4. $5\frac{2}{9} + 1\frac{1}{9} = \frac{47}{9} + \frac{10}{9} = \frac{57}{9} = \frac{19}{3} = 6\frac{1}{3}$

5. $2\frac{11}{12} \div 5\frac{1}{3} = \frac{35}{12} \div \frac{16}{3} = \frac{35}{12} \times \frac{3}{16} = \frac{105}{192} = \frac{35}{64}$

6. $5\frac{2}{9} \times 1\frac{1}{2} = \frac{47}{9} \times \frac{3}{2} = \frac{141}{18} = \frac{47}{6} = 7\frac{5}{6}$

7. $5\frac{1}{2} \div 1\frac{3}{10} = \frac{11}{2} \div \frac{13}{10} = \frac{11}{2} \times \frac{10}{13} = \frac{110}{26} = \frac{55}{13} = 4\frac{3}{13}$

8. $5\frac{1}{4} - 2\frac{3}{4} = \frac{21}{4} - \frac{11}{4} = \frac{10}{4} = \frac{5}{2} = 2\frac{1}{2}$

9. $4\frac{5}{6} \div 5\frac{1}{2} = \frac{29}{6} \div \frac{11}{2} = \frac{29}{6} \times \frac{2}{11} = \frac{58}{66} = \frac{29}{33}$

10. $1\frac{1}{2} \times 5\frac{1}{7} = \frac{3}{2} \times \frac{36}{7} = \frac{108}{14} = \frac{54}{7} = 7\frac{5}{7}$

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