Multiplying and Dividing Mixed Fractions (I)

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $1\frac{7}{8} \times 5\frac{1}{6} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $2\frac{5}{6} \div 4\frac{5}{9} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $3\frac{5}{6} \times 4\frac{1}{3} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $1\frac{3}{7} \div 3\frac{3}{8} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $4\frac{2}{3} \div 2\frac{1}{2} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $1\frac{5}{8} \div 2\frac{4}{7} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $1\frac{1}{2} \div 5\frac{3}{4} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $4\frac{5}{7} \times 1\frac{5}{8} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $1\frac{3}{4} \times 2\frac{1}{5} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $2\frac{8}{9} \times 3\frac{2}{3} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Multiplying and Dividing Mixed Fractions (I) Answers

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $1\frac{7}{8} \times 5\frac{1}{6} = \frac{15}{8} \times \frac{31}{6} = \frac{465}{48} = \frac{155}{16} = 9\frac{11}{16}$

2. $2\frac{5}{6} \div 4\frac{5}{9} = \frac{17}{6} \div \frac{41}{9} = \frac{17}{6} \times \frac{9}{41} = \frac{153}{246} = \frac{51}{82}$

3. $3\frac{5}{6} \times 4\frac{1}{3} = \frac{23}{6} \times \frac{13}{3} = \frac{299}{18} = 16\frac{11}{18}$

4. $1\frac{3}{7} \div 3\frac{3}{8} = \frac{10}{7} \div \frac{27}{8} = \frac{10}{7} \times \frac{8}{27} = \frac{80}{189}$

5. $4\frac{2}{3} \div 2\frac{1}{2} = \frac{14}{3} \div \frac{5}{2} = \frac{14}{3} \times \frac{2}{5} = \frac{28}{15} = 1\frac{13}{15}$

6. $1\frac{5}{8} \div 2\frac{4}{7} = \frac{13}{8} \div \frac{18}{7} = \frac{13}{8} \times \frac{7}{18} = \frac{91}{144}$

7. $1\frac{1}{2} \div 5\frac{3}{4} = \frac{3}{2} \div \frac{23}{4} = \frac{3}{2} \times \frac{4}{23} = \frac{12}{46} = \frac{6}{23}$

8. $4\frac{5}{7} \times 1\frac{5}{8} = \frac{33}{7} \times \frac{13}{8} = \frac{429}{56} = 7\frac{37}{56}$

9. $1\frac{3}{4} \times 2\frac{1}{5} = \frac{7}{4} \times \frac{11}{5} = \frac{77}{20} = 3\frac{17}{20}$

10. $2\frac{8}{9} \times 3\frac{2}{3} = \frac{26}{9} \times \frac{11}{3} = \frac{286}{27} = 10\frac{16}{27}$