Dividing Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

3. $5\frac{5}{9} \div 3\frac{1}{8} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $3\frac{2}{7} \div 2\frac{6}{7} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $1\frac{2}{3} \div 4\frac{5}{6} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $2\frac{4}{9} \div 4\frac{1}{3} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $5\frac{7}{8} \div 5\frac{3}{8} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

10. $5\frac{1}{2} \div 1\frac{3}{5} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Dividing Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $5\frac{1}{2} \div 4\frac{2}{5} = \frac{11}{2} \div \frac{22}{5} = \frac{11}{2} \times \frac{5}{22} = \frac{55}{44} = \frac{5}{4} = 1\frac{1}{4}$

2. $2\frac{1}{3} \div 3\frac{3}{4} = \frac{7}{3} \div \frac{15}{4} = \frac{7}{3} \times \frac{4}{15} = \frac{28}{45}$

3. $5\frac{5}{9} \div 3\frac{1}{8} = \frac{50}{9} \div \frac{25}{8} = \frac{50}{9} \times \frac{8}{25} = \frac{400}{225} = \frac{16}{9} = 1\frac{7}{9}$

4. $3\frac{2}{7} \div 2\frac{6}{7} = \frac{23}{7} \div \frac{20}{7} = \frac{23}{7} \times \frac{7}{20} = \frac{161}{140} = \frac{23}{20} = 1\frac{3}{20}$

5. $1\frac{2}{3} \div 4\frac{5}{6} = \frac{5}{3} \div \frac{29}{6} = \frac{5}{3} \times \frac{6}{29} = \frac{30}{87} = \frac{10}{29}$

6. $2\frac{4}{9} \div 4\frac{1}{3} = \frac{22}{9} \div \frac{13}{3} = \frac{22}{9} \times \frac{3}{13} = \frac{66}{117} = \frac{22}{39}$

7. $5\frac{7}{8} \div 5\frac{3}{8} = \frac{47}{8} \div \frac{43}{8} = \frac{47}{8} \times \frac{8}{43} = \frac{376}{344} = \frac{47}{43} = 1\frac{4}{43}$

8. $5\frac{1}{5} \div 2\frac{1}{4} = \frac{26}{5} \div \frac{9}{4} = \frac{26}{5} \times \frac{4}{9} = \frac{104}{45} = 2\frac{14}{45}$

9. $2\frac{1}{2} \div 1\frac{1}{5} = \frac{5}{2} \div \frac{6}{5} = \frac{5}{2} \times \frac{5}{6} = \frac{25}{12} = 2\frac{1}{12}$

10. $5\frac{1}{2} \div 1\frac{3}{5} = \frac{11}{2} \div \frac{8}{5} = \frac{11}{2} \times \frac{5}{8} = \frac{55}{16} = 3\frac{7}{16}$