Dividing Fractions (F)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

2. $5\frac{7}{9} \div 5\frac{1}{2} =$

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

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

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

6. $1\frac{2}{7} \div 1\frac{1}{4} =$

7. $5\frac{1}{2} \div 3\frac{6}{7} =$

8. $5\frac{3}{4} \div 2\frac{1}{7} =$

9. $3\frac{1}{2} \div 2\frac{2}{3} =$

10. $3\frac{4}{5} \div 1\frac{7}{8} =$

Dividing Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $3\frac{5}{6} \div 3\frac{2}{5} = \frac{23}{6} \div \frac{17}{5} = \frac{23}{6} \times \frac{5}{17} = \frac{115}{102} = 1\frac{13}{102}$

2. $5\frac{7}{9} \div 5\frac{1}{2} = \frac{52}{9} \div \frac{11}{2} = \frac{52}{9} \times \frac{2}{11} = \frac{104}{99} = 1\frac{5}{99}$

3. $4\frac{2}{3} \div 4\frac{1}{2} = \frac{14}{3} \div \frac{9}{2} = \frac{14}{3} \times \frac{2}{9} = \frac{28}{27} = 1\frac{1}{27}$

4. $4\frac{3}{5} \div 3\frac{1}{7} = \frac{23}{5} \div \frac{22}{7} = \frac{23}{5} \times \frac{7}{22} = \frac{161}{110} = 1\frac{51}{110}$

5. $3\frac{1}{2} \div 5\frac{2}{3} = \frac{7}{2} \div \frac{17}{3} = \frac{7}{2} \times \frac{3}{17} = \frac{21}{34}$

6. $1\frac{2}{7} \div 1\frac{1}{4} = \frac{9}{7} \div \frac{5}{4} = \frac{9}{7} \times \frac{4}{5} = \frac{36}{35} = 1\frac{1}{35}$

7. $5\frac{1}{2} \div 3\frac{6}{7} = \frac{11}{2} \div \frac{27}{7} = \frac{11}{2} \times \frac{7}{27} = \frac{77}{54} = 1\frac{23}{54}$

8. $5\frac{3}{4} \div 2\frac{1}{7} = \frac{23}{4} \div \frac{15}{7} = \frac{23}{4} \times \frac{7}{15} = \frac{161}{60} = 2\frac{41}{60}$

9. $3\frac{1}{2} \div 2\frac{2}{3} = \frac{7}{2} \div \frac{8}{3} = \frac{7}{2} \times \frac{3}{8} = \frac{21}{16} = 1\frac{5}{16}$

10. $3\frac{4}{5} \div 1\frac{7}{8} = \frac{19}{5} \div \frac{15}{8} = \frac{19}{5} \times \frac{8}{15} = \frac{152}{75} = 2\frac{2}{75}$