Dividing Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

4. $5\frac{1}{5} \div 5\frac{5}{9} =$

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

6. $4\frac{5}{7} \div 1\frac{1}{3} =$

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

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

9. $4\frac{2}{3} \div 5\frac{1}{6} =$

10. $3\frac{1}{2} \div 2\frac{5}{7} =$

Dividing Fractions (H) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $1\frac{3}{4} \div 1\frac{3}{7} = \frac{7}{4} \div \frac{10}{7} = \frac{7}{4} \times \frac{7}{10} = \frac{49}{40} = 1\frac{9}{40}$

2. $1\frac{3}{8} \div 3\frac{7}{8} = \frac{11}{8} \div \frac{31}{8} = \frac{11}{8} \times \frac{8}{31} = \frac{88}{248} = \frac{11}{31}$

3. $3\frac{1}{5} \div 1\frac{1}{6} = \frac{16}{5} \div \frac{7}{6} = \frac{16}{5} \times \frac{6}{7} = \frac{96}{35} = 2\frac{26}{35}$

4. $5\frac{1}{5} \div 5\frac{5}{9} = \frac{26}{5} \div \frac{50}{9} = \frac{26}{5} \times \frac{9}{50} = \frac{234}{250} = \frac{117}{125}$

5. $5\frac{5}{8} \div 5\frac{1}{2} = \frac{45}{8} \div \frac{11}{2} = \frac{45}{8} \times \frac{2}{11} = \frac{90}{88} = \frac{45}{44} = 1\frac{1}{44}$

6. $4\frac{5}{7} \div 1\frac{1}{3} = \frac{33}{7} \div \frac{4}{3} = \frac{33}{7} \times \frac{3}{4} = \frac{99}{28} = 3\frac{15}{28}$

7. $1\frac{4}{7} \div 5\frac{1}{3} = \frac{11}{7} \div \frac{16}{3} = \frac{11}{7} \times \frac{3}{16} = \frac{33}{112}$

8. $3\frac{1}{2} \div 1\frac{1}{2} = \frac{7}{2} \div \frac{3}{2} = \frac{7}{2} \times \frac{2}{3} = \frac{14}{6} = \frac{7}{3} = 2\frac{1}{3}$

9. $4\frac{2}{3} \div 5\frac{1}{6} = \frac{14}{3} \div \frac{31}{6} = \frac{14}{3} \times \frac{6}{31} = \frac{84}{93} = \frac{28}{31}$

10. $3\frac{1}{2} \div 2\frac{5}{7} = \frac{7}{2} \div \frac{19}{7} = \frac{7}{2} \times \frac{7}{19} = \frac{49}{38} = 1\frac{11}{38}$