

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $5\frac{7}{8} \div 1\frac{5}{6} =$

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

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

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

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

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

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

10. $2\frac{2}{3} \div 3\frac{2}{3} =$

Dividing Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 1\frac{1}{3} \div 5\frac{3}{5} = \frac{4}{3} \div \frac{28}{5} = \frac{4}{3} \times \frac{5}{28} = \frac{20}{84} = \frac{5}{21}$$

$$2. \quad 2\frac{2}{5} \div 3\frac{5}{7} = \frac{12}{5} \div \frac{26}{7} = \frac{12}{5} \times \frac{7}{26} = \frac{84}{130} = \frac{42}{65}$$

$$3. \quad 5\frac{7}{8} \div 1\frac{5}{6} = \frac{47}{8} \div \frac{11}{6} = \frac{47}{8} \times \frac{6}{11} = \frac{282}{88} = \frac{141}{44} = 3\frac{9}{44}$$

$$4. \quad 5\frac{1}{2} \div 1\frac{1}{4} = \frac{11}{2} \div \frac{5}{4} = \frac{11}{2} \times \frac{4}{5} = \frac{44}{10} = \frac{22}{5} = 4\frac{2}{5}$$

$$5. \quad 2\frac{1}{3} \div 1\frac{1}{3} = \frac{7}{3} \div \frac{4}{3} = \frac{7}{3} \times \frac{3}{4} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$6. \quad 2\frac{1}{6} \div 3\frac{1}{4} = \frac{13}{6} \div \frac{13}{4} = \frac{13}{6} \times \frac{4}{13} = \frac{52}{78} = \frac{2}{3}$$

$$7. \quad 5\frac{1}{3} \div 5\frac{3}{7} = \frac{16}{3} \div \frac{38}{7} = \frac{16}{3} \times \frac{7}{38} = \frac{112}{114} = \frac{56}{57}$$

$$8. \quad 3\frac{3}{8} \div 1\frac{1}{5} = \frac{27}{8} \div \frac{6}{5} = \frac{27}{8} \times \frac{5}{6} = \frac{135}{48} = \frac{45}{16} = 2\frac{13}{16}$$

$$9. \quad 4\frac{1}{4} \div 1\frac{1}{2} = \frac{17}{4} \div \frac{3}{2} = \frac{17}{4} \times \frac{2}{3} = \frac{34}{12} = \frac{17}{6} = 2\frac{5}{6}$$

$$10. \quad 2\frac{2}{3} \div 3\frac{2}{3} = \frac{8}{3} \div \frac{11}{3} = \frac{8}{3} \times \frac{3}{11} = \frac{24}{33} = \frac{8}{11}$$