

## Dividing Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

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

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

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

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

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

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

7.  $2\frac{2}{3} \div 2\frac{5}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

## Dividing Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

$$1. \quad 5\frac{3}{5} \div 2\frac{1}{7} = \frac{28}{5} \div \frac{15}{7} = \frac{28}{5} \times \frac{7}{15} = \frac{196}{75} = 2\frac{46}{75}$$

$$2. \quad 5\frac{1}{2} \div 2\frac{1}{3} = \frac{11}{2} \div \frac{7}{3} = \frac{11}{2} \times \frac{3}{7} = \frac{33}{14} = 2\frac{5}{14}$$

$$3. \quad 5\frac{4}{5} \div 5\frac{1}{2} = \frac{29}{5} \div \frac{11}{2} = \frac{29}{5} \times \frac{2}{11} = \frac{58}{55} = 1\frac{3}{55}$$

$$4. \quad 2\frac{2}{3} \div 4\frac{1}{2} = \frac{8}{3} \div \frac{9}{2} = \frac{8}{3} \times \frac{2}{9} = \frac{16}{27}$$

$$5. \quad 4\frac{1}{4} \div 4\frac{2}{3} = \frac{17}{4} \div \frac{14}{3} = \frac{17}{4} \times \frac{3}{14} = \frac{51}{56}$$

$$6. \quad 1\frac{4}{5} \div 5\frac{1}{2} = \frac{9}{5} \div \frac{11}{2} = \frac{9}{5} \times \frac{2}{11} = \frac{18}{55}$$

$$7. \quad 2\frac{2}{3} \div 2\frac{5}{8} = \frac{8}{3} \div \frac{21}{8} = \frac{8}{3} \times \frac{8}{21} = \frac{64}{63} = 1\frac{1}{63}$$

$$8. \quad 1\frac{1}{5} \div 5\frac{1}{2} = \frac{6}{5} \div \frac{11}{2} = \frac{6}{5} \times \frac{2}{11} = \frac{12}{55}$$

$$9. \quad 3\frac{2}{3} \div 4\frac{1}{2} = \frac{11}{3} \div \frac{9}{2} = \frac{11}{3} \times \frac{2}{9} = \frac{22}{27}$$

$$10. \quad 3\frac{1}{2} \div 5\frac{1}{5} = \frac{7}{2} \div \frac{26}{5} = \frac{7}{2} \times \frac{5}{26} = \frac{35}{52}$$