

# Dividing Fractions (E)

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

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

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

Calculate each quotient.

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

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

3.  $1\frac{7}{9} \div 1\frac{7}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

4.  $3\frac{1}{6} \div 1\frac{4}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $2\frac{5}{7} \div 4\frac{2}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

9.  $5\frac{3}{8} \div 1\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $1\frac{2}{9} \div 2\frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Dividing Fractions (E) Answers

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

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

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

Calculate each quotient.

$$1. \quad 5\frac{1}{4} \div 2\frac{1}{3} = \frac{21}{4} \div \frac{7}{3} = \frac{21}{4} \times \frac{3}{7} = \frac{63}{28} = \frac{9}{4} = 2\frac{1}{4}$$

$$2. \quad 4\frac{3}{4} \div 5\frac{1}{3} = \frac{19}{4} \div \frac{16}{3} = \frac{19}{4} \times \frac{3}{16} = \frac{57}{64}$$

$$3. \quad 1\frac{7}{9} \div 1\frac{7}{9} = \frac{16}{9} \div \frac{16}{9} = \frac{16}{9} \times \frac{9}{16} = \frac{144}{144} = 1$$

$$4. \quad 3\frac{1}{6} \div 1\frac{4}{7} = \frac{19}{6} \div \frac{11}{7} = \frac{19}{6} \times \frac{7}{11} = \frac{133}{66} = 2\frac{1}{66}$$

$$5. \quad 2\frac{1}{2} \div 5\frac{2}{9} = \frac{5}{2} \div \frac{47}{9} = \frac{5}{2} \times \frac{9}{47} = \frac{45}{94}$$

$$6. \quad 2\frac{5}{7} \div 4\frac{2}{9} = \frac{19}{7} \div \frac{38}{9} = \frac{19}{7} \times \frac{9}{38} = \frac{171}{266} = \frac{9}{14}$$

$$7. \quad 3\frac{3}{8} \div 1\frac{1}{2} = \frac{27}{8} \div \frac{3}{2} = \frac{27}{8} \times \frac{2}{3} = \frac{54}{24} = \frac{9}{4} = 2\frac{1}{4}$$

$$8. \quad 1\frac{1}{5} \div 2\frac{4}{5} = \frac{6}{5} \div \frac{14}{5} = \frac{6}{5} \times \frac{5}{14} = \frac{30}{70} = \frac{3}{7}$$

$$9. \quad 5\frac{3}{8} \div 1\frac{4}{5} = \frac{43}{8} \div \frac{9}{5} = \frac{43}{8} \times \frac{5}{9} = \frac{215}{72} = 2\frac{71}{72}$$

$$10. \quad 1\frac{2}{9} \div 2\frac{3}{4} = \frac{11}{9} \div \frac{11}{4} = \frac{11}{9} \times \frac{4}{11} = \frac{44}{99} = \frac{4}{9}$$