

## Dividing Fractions (J)

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

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

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

Calculate each quotient.

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

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

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

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

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

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

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

8.  $\frac{5}{8} \div 2\frac{1}{6} =$

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

10.  $\frac{5}{9} \div 3\frac{3}{4} =$

## Dividing Fractions (J) Answers

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

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

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

Calculate each quotient.

$$1. \frac{1}{2} \div 1\frac{1}{4} = \frac{1}{2} \div \frac{5}{4} = \frac{1}{2} \times \frac{4}{5} = \frac{4}{10} = \frac{2}{5}$$

$$2. 1\frac{1}{6} \div \frac{2}{3} = \frac{7}{6} \div \frac{2}{3} = \frac{7}{6} \times \frac{3}{2} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$3. 1\frac{1}{4} \div \frac{5}{6} = \frac{5}{4} \div \frac{5}{6} = \frac{5}{4} \times \frac{6}{5} = \frac{30}{20} = \frac{3}{2} = 1\frac{1}{2}$$

$$4. \frac{3}{8} \div 2\frac{2}{5} = \frac{3}{8} \div \frac{12}{5} = \frac{3}{8} \times \frac{5}{12} = \frac{15}{96} = \frac{5}{32}$$

$$5. \frac{5}{7} \div 2\frac{1}{2} = \frac{5}{7} \div \frac{5}{2} = \frac{5}{7} \times \frac{2}{5} = \frac{10}{35} = \frac{2}{7}$$

$$6. \frac{3}{5} \div 1\frac{5}{7} = \frac{3}{5} \div \frac{12}{7} = \frac{3}{5} \times \frac{7}{12} = \frac{21}{60} = \frac{7}{20}$$

$$7. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$8. \frac{5}{8} \div 2\frac{1}{6} = \frac{5}{8} \div \frac{13}{6} = \frac{5}{8} \times \frac{6}{13} = \frac{30}{104} = \frac{15}{52}$$

$$9. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$

$$10. \frac{5}{9} \div 3\frac{3}{4} = \frac{5}{9} \div \frac{15}{4} = \frac{5}{9} \times \frac{4}{15} = \frac{20}{135} = \frac{4}{27}$$