

## Dividing Fractions (I)

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

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

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

Calculate each quotient.

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

2.  $5\frac{1}{6} \div 5\frac{7}{9} =$

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

4.  $2\frac{1}{2} \div 2\frac{7}{8} =$

5.  $3\frac{2}{5} \div 3\frac{7}{9} =$

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

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

8.  $4\frac{1}{4} \div 5\frac{2}{3} =$

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

10.  $5\frac{4}{7} \div 4\frac{6}{7} =$

## Dividing Fractions (I) Answers

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

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

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

Calculate each quotient.

$$1. \quad 2\frac{2}{5} \div 3\frac{2}{5} = \frac{12}{5} \div \frac{17}{5} = \frac{12}{5} \times \frac{5}{17} = \frac{60}{85} = \frac{12}{17}$$

$$2. \quad 5\frac{1}{6} \div 5\frac{7}{9} = \frac{31}{6} \div \frac{52}{9} = \frac{31}{6} \times \frac{9}{52} = \frac{279}{312} = \frac{93}{104}$$

$$3. \quad 5\frac{1}{2} \div 1\frac{1}{2} = \frac{11}{2} \div \frac{3}{2} = \frac{11}{2} \times \frac{2}{3} = \frac{22}{6} = \frac{11}{3} = 3\frac{2}{3}$$

$$4. \quad 2\frac{1}{2} \div 2\frac{7}{8} = \frac{5}{2} \div \frac{23}{8} = \frac{5}{2} \times \frac{8}{23} = \frac{40}{46} = \frac{20}{23}$$

$$5. \quad 3\frac{2}{5} \div 3\frac{7}{9} = \frac{17}{5} \div \frac{34}{9} = \frac{17}{5} \times \frac{9}{34} = \frac{153}{170} = \frac{9}{10}$$

$$6. \quad 3\frac{3}{7} \div 3\frac{4}{7} = \frac{24}{7} \div \frac{25}{7} = \frac{24}{7} \times \frac{7}{25} = \frac{168}{175} = \frac{24}{25}$$

$$7. \quad 4\frac{1}{2} \div 1\frac{3}{4} = \frac{9}{2} \div \frac{7}{4} = \frac{9}{2} \times \frac{4}{7} = \frac{36}{14} = \frac{18}{7} = 2\frac{4}{7}$$

$$8. \quad 4\frac{1}{4} \div 5\frac{2}{3} = \frac{17}{4} \div \frac{17}{3} = \frac{17}{4} \times \frac{3}{17} = \frac{51}{68} = \frac{3}{4}$$

$$9. \quad 3\frac{1}{3} \div 5\frac{1}{6} = \frac{10}{3} \div \frac{31}{6} = \frac{10}{3} \times \frac{6}{31} = \frac{60}{93} = \frac{20}{31}$$

$$10. \quad 5\frac{4}{7} \div 4\frac{6}{7} = \frac{39}{7} \div \frac{34}{7} = \frac{39}{7} \times \frac{7}{34} = \frac{273}{238} = \frac{39}{34} = 1\frac{5}{34}$$