

## Dividing Fractions (I)

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

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

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

Calculate each quotient.

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

2.  $\frac{1}{2} \div 3\frac{5}{6} =$

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

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

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

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

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

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

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

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

## Dividing Fractions (I) Answers

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

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

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

Calculate each quotient.

$$1. \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$2. \frac{1}{2} \div 3\frac{5}{6} = \frac{1}{2} \div \frac{23}{6} = \frac{1}{2} \times \frac{6}{23} = \frac{6}{46} = \frac{3}{23}$$

$$3. \frac{5}{6} \div 3\frac{1}{4} = \frac{5}{6} \div \frac{13}{4} = \frac{5}{6} \times \frac{4}{13} = \frac{20}{78} = \frac{10}{39}$$

$$4. \frac{3}{4} \div 3\frac{3}{5} = \frac{3}{4} \div \frac{18}{5} = \frac{3}{4} \times \frac{5}{18} = \frac{15}{72} = \frac{5}{24}$$

$$5. \frac{3}{4} \div 3\frac{1}{2} = \frac{3}{4} \div \frac{7}{2} = \frac{3}{4} \times \frac{2}{7} = \frac{6}{28} = \frac{3}{14}$$

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

$$7. \frac{1}{2} \div 3\frac{1}{6} = \frac{1}{2} \div \frac{19}{6} = \frac{1}{2} \times \frac{6}{19} = \frac{6}{38} = \frac{3}{19}$$

$$8. \frac{1}{3} \div 3\frac{2}{9} = \frac{1}{3} \div \frac{29}{9} = \frac{1}{3} \times \frac{9}{29} = \frac{9}{87} = \frac{3}{29}$$

$$9. \frac{5}{8} \div 3\frac{1}{2} = \frac{5}{8} \div \frac{7}{2} = \frac{5}{8} \times \frac{2}{7} = \frac{10}{56} = \frac{5}{28}$$

$$10. \frac{2}{3} \div 3\frac{3}{5} = \frac{2}{3} \div \frac{18}{5} = \frac{2}{3} \times \frac{5}{18} = \frac{10}{54} = \frac{5}{27}$$