

## Dividing Fractions (J)

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

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

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

Calculate each quotient.

1.  $6 \div 1\frac{4}{7} =$

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

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

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

5.  $9 \div 2\frac{3}{4} =$

6.  $3\frac{7}{8} \div 3 =$

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

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

9.  $5 \div 2\frac{4}{9} =$

10.  $8 \div 3\frac{6}{7} =$

## Dividing Fractions (J) Answers

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

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

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

Calculate each quotient.

$$1. \quad 6 \div 1\frac{4}{7} = \frac{6}{1} \div \frac{11}{7} = \frac{6}{1} \times \frac{7}{11} = \frac{42}{11} = 3\frac{9}{11}$$

$$2. \quad 2\frac{5}{9} \div 8 = \frac{23}{9} \div \frac{8}{1} = \frac{23}{9} \times \frac{1}{8} = \frac{23}{72}$$

$$3. \quad 5 \div 3\frac{3}{5} = \frac{5}{1} \div \frac{18}{5} = \frac{5}{1} \times \frac{5}{18} = \frac{25}{18} = 1\frac{7}{18}$$

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

$$5. \quad 9 \div 2\frac{3}{4} = \frac{9}{1} \div \frac{11}{4} = \frac{9}{1} \times \frac{4}{11} = \frac{36}{11} = 3\frac{3}{11}$$

$$6. \quad 3\frac{7}{8} \div 3 = \frac{31}{8} \div \frac{3}{1} = \frac{31}{8} \times \frac{1}{3} = \frac{31}{24} = 1\frac{7}{24}$$

$$7. \quad 3\frac{2}{3} \div 2 = \frac{11}{3} \div \frac{2}{1} = \frac{11}{3} \times \frac{1}{2} = \frac{11}{6} = 1\frac{5}{6}$$

$$8. \quad 4 \div 3\frac{1}{4} = \frac{4}{1} \div \frac{13}{4} = \frac{4}{1} \times \frac{4}{13} = \frac{16}{13} = 1\frac{3}{13}$$

$$9. \quad 5 \div 2\frac{4}{9} = \frac{5}{1} \div \frac{22}{9} = \frac{5}{1} \times \frac{9}{22} = \frac{45}{22} = 2\frac{1}{22}$$

$$10. \quad 8 \div 3\frac{6}{7} = \frac{8}{1} \div \frac{27}{7} = \frac{8}{1} \times \frac{7}{27} = \frac{56}{27} = 2\frac{2}{27}$$