

## Dividing Fractions (H)

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

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

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

Calculate each quotient.

1.  $4 \div \frac{21}{8} =$

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

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

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

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

6.  $8 \div \frac{3}{2} =$

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

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

9.  $\frac{19}{9} \div 7 =$

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

## Dividing Fractions (H) Answers

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

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

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

Calculate each quotient.

$$1. \quad 4 \div \frac{21}{8} = \frac{4}{1} \div \frac{21}{8} = \frac{4}{1} \times \frac{8}{21} = \frac{32}{21} = 1\frac{11}{21}$$

$$2. \quad 5 \div \frac{8}{3} = \frac{5}{1} \div \frac{8}{3} = \frac{5}{1} \times \frac{3}{8} = \frac{15}{8} = 1\frac{7}{8}$$

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

$$4. \quad \frac{5}{3} \div 9 = \frac{5}{3} \div \frac{9}{1} = \frac{5}{3} \times \frac{1}{9} = \frac{5}{27}$$

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

$$6. \quad 8 \div \frac{3}{2} = \frac{8}{1} \div \frac{3}{2} = \frac{8}{1} \times \frac{2}{3} = \frac{16}{3} = 5\frac{1}{3}$$

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

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

$$9. \quad \frac{19}{9} \div 7 = \frac{19}{9} \div \frac{7}{1} = \frac{19}{9} \times \frac{1}{7} = \frac{19}{63}$$

$$10. \quad \frac{5}{2} \div 4 = \frac{5}{2} \div \frac{4}{1} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$