

## Dividing Fractions (H)

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

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

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

Calculate each quotient.

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

2.  $\frac{4}{9} \div 3\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

3.  $\frac{23}{8} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{17}{7} \div 2\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

5.  $3\frac{4}{7} \div \frac{11}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

7.  $2\frac{1}{2} \div 3\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8.  $2\frac{1}{5} \div \frac{17}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $1\frac{1}{2} \div \frac{13}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10.  $\frac{10}{3} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Fractions (H) Answers

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

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

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

Calculate each quotient.

$$1. \quad 2\frac{1}{2} \div \frac{4}{3} = \frac{5}{2} \div \frac{4}{3} = \frac{5}{2} \times \frac{3}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad \frac{4}{9} \div 3\frac{1}{2} = \frac{4}{9} \div \frac{7}{2} = \frac{4}{9} \times \frac{2}{7} = \frac{8}{63}$$

$$3. \quad \frac{23}{8} \div \frac{7}{5} = \frac{23}{8} \times \frac{5}{7} = \frac{115}{56} = 2\frac{3}{56}$$

$$4. \quad \frac{17}{7} \div 2\frac{5}{9} = \frac{17}{7} \div \frac{23}{9} = \frac{17}{7} \times \frac{9}{23} = \frac{153}{161}$$

$$5. \quad 3\frac{4}{7} \div \frac{11}{3} = \frac{25}{7} \div \frac{11}{3} = \frac{25}{7} \times \frac{3}{11} = \frac{75}{77}$$

$$6. \quad \frac{7}{2} \div 3\frac{1}{3} = \frac{7}{2} \div \frac{10}{3} = \frac{7}{2} \times \frac{3}{10} = \frac{21}{20} = 1\frac{1}{20}$$

$$7. \quad 2\frac{1}{2} \div 3\frac{4}{5} = \frac{5}{2} \div \frac{19}{5} = \frac{5}{2} \times \frac{5}{19} = \frac{25}{38}$$

$$8. \quad 2\frac{1}{5} \div \frac{17}{9} = \frac{11}{5} \div \frac{17}{9} = \frac{11}{5} \times \frac{9}{17} = \frac{99}{85} = 1\frac{14}{85}$$

$$9. \quad 1\frac{1}{2} \div \frac{13}{5} = \frac{3}{2} \div \frac{13}{5} = \frac{3}{2} \times \frac{5}{13} = \frac{15}{26}$$

$$10. \quad \frac{10}{3} \div 1\frac{1}{2} = \frac{10}{3} \div \frac{3}{2} = \frac{10}{3} \times \frac{2}{3} = \frac{20}{9} = 2\frac{2}{9}$$