

## Dividing Fractions (H)

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

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

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

Calculate each quotient.

1.  $\frac{7}{2} \div \frac{16}{7} =$

2.  $\frac{17}{9} \div \frac{13}{4} =$

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

4.  $\frac{2}{3} \div \frac{13}{5} =$

5.  $\frac{8}{3} \div \frac{13}{6} =$

6.  $\frac{1}{3} \div \frac{29}{9} =$

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

8.  $\frac{5}{2} \div \frac{11}{9} =$

9.  $\frac{5}{2} \div \frac{21}{8} =$

10.  $\frac{10}{3} \div \frac{9}{7} =$

## Dividing Fractions (H) Answers

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

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

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

Calculate each quotient.

$$1. \quad \frac{7}{2} \div \frac{16}{7} = \frac{7}{2} \times \frac{7}{16} = \frac{49}{32} = 1\frac{17}{32}$$

$$2. \quad \frac{17}{9} \div \frac{13}{4} = \frac{17}{9} \times \frac{4}{13} = \frac{68}{117}$$

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

$$4. \quad \frac{2}{3} \div \frac{13}{5} = \frac{2}{3} \times \frac{5}{13} = \frac{10}{39}$$

$$5. \quad \frac{8}{3} \div \frac{13}{6} = \frac{8}{3} \times \frac{6}{13} = \frac{48}{39} = \frac{16}{13} = 1\frac{3}{13}$$

$$6. \quad \frac{1}{3} \div \frac{29}{9} = \frac{1}{3} \times \frac{9}{29} = \frac{9}{87} = \frac{3}{29}$$

$$7. \quad \frac{5}{2} \div \frac{1}{2} = \frac{5}{2} \times \frac{2}{1} = \frac{10}{2} = 5$$

$$8. \quad \frac{5}{2} \div \frac{11}{9} = \frac{5}{2} \times \frac{9}{11} = \frac{45}{22} = 2\frac{1}{22}$$

$$9. \quad \frac{5}{2} \div \frac{21}{8} = \frac{5}{2} \times \frac{8}{21} = \frac{40}{42} = \frac{20}{21}$$

$$10. \quad \frac{10}{3} \div \frac{9}{7} = \frac{10}{3} \times \frac{7}{9} = \frac{70}{27} = 2\frac{16}{27}$$