

## Multiplying and Dividing Various Fractions (D)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{1}{2} \times 2\frac{4}{5} =$

5.  $\frac{13}{4} \times \frac{28}{9} =$

6.  $\frac{17}{9} \div \frac{1}{3} =$

7.  $\frac{5}{3} \div \frac{1}{3} =$

8.  $\frac{8}{7} \times \frac{1}{2} =$

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

10.  $\frac{2}{3} \div \frac{2}{9} =$

## Multiplying and Dividing Various Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{4} \div \frac{9}{4} = \frac{5}{4} \div \frac{9}{4} = \frac{5}{4} \times \frac{4}{9} = \frac{20}{36} = \frac{5}{9}$$

$$2. \quad \frac{7}{2} \times 2\frac{2}{3} = \frac{7}{2} \times \frac{8}{3} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

$$3. \quad 1\frac{1}{4} \div 1\frac{5}{8} = \frac{5}{4} \div \frac{13}{8} = \frac{5}{4} \times \frac{8}{13} = \frac{40}{52} = \frac{10}{13}$$

$$4. \quad \frac{1}{2} \times 2\frac{4}{5} = \frac{1}{2} \times \frac{14}{5} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$5. \quad \frac{13}{4} \times \frac{28}{9} = \frac{364}{36} = \frac{91}{9} = 10\frac{1}{9}$$

$$6. \quad \frac{17}{9} \div \frac{1}{3} = \frac{17}{9} \div \frac{1}{3} = \frac{17}{9} \times \frac{3}{1} = \frac{51}{9} = \frac{17}{3} = 5\frac{2}{3}$$

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

$$8. \quad \frac{8}{7} \times \frac{1}{2} = \frac{8}{7} \times \frac{1}{2} = \frac{8}{14} = \frac{4}{7}$$

$$9. \quad 1\frac{1}{2} \times \frac{8}{3} = \frac{3}{2} \times \frac{8}{3} = \frac{24}{6} = 4$$

$$10. \quad \frac{2}{3} \div \frac{2}{9} = \frac{2}{3} \times \frac{9}{2} = \frac{18}{6} = 3$$