

## Multiplying and Dividing Various Fractions (I)

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

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

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

Calculate each result.

1.  $1\frac{1}{3} \times \frac{7}{8} =$

2.  $\frac{25}{9} \times \frac{2}{5} =$

3.  $\frac{11}{6} \div 2\frac{1}{9} =$

4.  $\frac{5}{2} \times \frac{6}{7} =$

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

6.  $1\frac{1}{3} \div \frac{7}{6} =$

7.  $2\frac{7}{9} \div \frac{15}{4} =$

8.  $\frac{18}{7} \times 3\frac{3}{4} =$

9.  $\frac{14}{9} \times 2\frac{3}{7} =$

10.  $1\frac{1}{2} \div 1\frac{1}{2} =$

## Multiplying and Dividing Various Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{3} \times \frac{7}{8} = \frac{4}{3} \times \frac{7}{8} = \frac{28}{24} = \frac{7}{6} = 1\frac{1}{6}$$

$$2. \quad \frac{25}{9} \times \frac{2}{5} = \frac{25}{9} \times \frac{2}{5} = \frac{50}{45} = \frac{10}{9} = 1\frac{1}{9}$$

$$3. \quad \frac{11}{6} \div 2\frac{1}{9} = \frac{11}{6} \div \frac{19}{9} = \frac{11}{6} \times \frac{9}{19} = \frac{99}{114} = \frac{33}{38}$$

$$4. \quad \frac{5}{2} \times \frac{6}{7} = \frac{5}{2} \times \frac{6}{7} = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$$

$$5. \quad 1\frac{3}{4} \div 2\frac{1}{3} = \frac{7}{4} \div \frac{7}{3} = \frac{7}{4} \times \frac{3}{7} = \frac{21}{28} = \frac{3}{4}$$

$$6. \quad 1\frac{1}{3} \div \frac{7}{6} = \frac{4}{3} \div \frac{7}{6} = \frac{4}{3} \times \frac{6}{7} = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

$$7. \quad 2\frac{7}{9} \div \frac{15}{4} = \frac{25}{9} \div \frac{15}{4} = \frac{25}{9} \times \frac{4}{15} = \frac{100}{135} = \frac{20}{27}$$

$$8. \quad \frac{18}{7} \times 3\frac{3}{4} = \frac{18}{7} \times \frac{15}{4} = \frac{270}{28} = \frac{135}{14} = 9\frac{9}{14}$$

$$9. \quad \frac{14}{9} \times 2\frac{3}{7} = \frac{14}{9} \times \frac{17}{7} = \frac{238}{63} = \frac{34}{9} = 3\frac{7}{9}$$

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