

## Multiplying and Dividing Various Fractions (B)

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

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

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

Calculate each result.

1.  $3\frac{5}{7} \div \frac{9}{5} =$

2.  $\frac{3}{5} \div \frac{10}{3} =$

3.  $\frac{5}{2} \div \frac{4}{7} =$

4.  $2\frac{3}{7} \div 3\frac{1}{9} =$

5.  $\frac{2}{9} \times \frac{5}{3} =$

6.  $\frac{19}{8} \div 2\frac{3}{5} =$

7.  $\frac{31}{8} \times \frac{13}{4} =$

8.  $\frac{5}{2} \times \frac{15}{4} =$

9.  $\frac{10}{3} \times \frac{23}{9} =$

10.  $\frac{1}{7} \times 3\frac{6}{7} =$

## Multiplying and Dividing Various Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{5}{7} \div \frac{9}{5} = \frac{26}{7} \div \frac{9}{5} = \frac{26}{7} \times \frac{5}{9} = \frac{130}{63} = 2\frac{4}{63}$$

$$2. \quad \frac{3}{5} \div \frac{10}{3} = \frac{3}{5} \times \frac{3}{10} = \frac{9}{50}$$

$$3. \quad \frac{5}{2} \div \frac{4}{7} = \frac{5}{2} \div \frac{4}{7} = \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$4. \quad 2\frac{3}{7} \div 3\frac{1}{9} = \frac{17}{7} \div \frac{28}{9} = \frac{17}{7} \times \frac{9}{28} = \frac{153}{196}$$

$$5. \quad \frac{2}{9} \times \frac{5}{3} = \frac{2}{9} \times \frac{5}{3} = \frac{10}{27}$$

$$6. \quad \frac{19}{8} \div 2\frac{3}{5} = \frac{19}{8} \div \frac{13}{5} = \frac{19}{8} \times \frac{5}{13} = \frac{95}{104}$$

$$7. \quad \frac{31}{8} \times \frac{13}{4} = \frac{403}{32} = 12\frac{19}{32}$$

$$8. \quad \frac{5}{2} \times \frac{15}{4} = \frac{75}{8} = 9\frac{3}{8}$$

$$9. \quad \frac{10}{3} \times \frac{23}{9} = \frac{230}{27} = 8\frac{14}{27}$$

$$10. \quad \frac{1}{7} \times 3\frac{6}{7} = \frac{1}{7} \times \frac{27}{7} = \frac{27}{49}$$