

## Multiplying and Dividing Various Fractions (J)

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

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

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

Calculate each result.

1.  $\frac{16}{5} \div \frac{19}{8} =$

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

3.  $\frac{8}{7} \times 3\frac{2}{3} =$

4.  $3\frac{4}{9} \div 3\frac{1}{5} =$

5.  $\frac{4}{5} \div \frac{9}{4} =$

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

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

8.  $\frac{1}{4} \times \frac{25}{8} =$

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

10.  $\frac{8}{3} \times \frac{10}{3} =$

## Multiplying and Dividing Various Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{16}{5} \div \frac{19}{8} = \frac{16}{5} \times \frac{8}{19} = \frac{128}{95} = 1\frac{33}{95}$$

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

$$3. \quad \frac{8}{7} \times 3\frac{2}{3} = \frac{8}{7} \times \frac{11}{3} = \frac{88}{21} = 4\frac{4}{21}$$

$$4. \quad 3\frac{4}{9} \div 3\frac{1}{5} = \frac{31}{9} \div \frac{16}{5} = \frac{31}{9} \times \frac{5}{16} = \frac{155}{144} = 1\frac{11}{144}$$

$$5. \quad \frac{4}{5} \div \frac{9}{4} = \frac{4}{5} \times \frac{4}{9} = \frac{16}{45}$$

$$6. \quad \frac{1}{3} \times 2\frac{1}{2} = \frac{1}{3} \times \frac{5}{2} = \frac{5}{6}$$

$$7. \quad \frac{2}{5} \div \frac{5}{7} = \frac{2}{5} \times \frac{7}{5} = \frac{14}{25}$$

$$8. \quad \frac{1}{4} \times \frac{25}{8} = \frac{25}{32}$$

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

$$10. \quad \frac{8}{3} \times \frac{10}{3} = \frac{80}{9} = 8\frac{8}{9}$$