

## Multiplying and Dividing Various Fractions (G)

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

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

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

Calculate each result.

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

2.  $\frac{5}{7} \div 1\frac{1}{4} =$

3.  $\frac{9}{5} \times \frac{1}{3} =$

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

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

6.  $\frac{5}{6} \div 2\frac{1}{2} =$

7.  $2\frac{2}{3} \times \frac{23}{8} =$

8.  $1\frac{1}{3} \div \frac{10}{3} =$

9.  $\frac{6}{5} \times \frac{8}{3} =$

10.  $3\frac{1}{2} \div 3\frac{3}{4} =$

## Multiplying and Dividing Various Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{9}{4} \times 3\frac{1}{7} = \frac{9}{4} \times \frac{22}{7} = \frac{198}{28} = \frac{99}{14} = 7\frac{1}{14}$$

$$2. \quad \frac{5}{7} \div 1\frac{1}{4} = \frac{5}{7} \div \frac{5}{4} = \frac{5}{7} \times \frac{4}{5} = \frac{20}{35} = \frac{4}{7}$$

$$3. \quad \frac{9}{5} \times \frac{1}{3} = \frac{9}{15} = \frac{3}{5}$$

$$4. \quad \frac{5}{7} \div 3\frac{3}{7} = \frac{5}{7} \div \frac{24}{7} = \frac{5}{7} \times \frac{7}{24} = \frac{35}{168} = \frac{5}{24}$$

$$5. \quad \frac{3}{2} \times 2\frac{2}{5} = \frac{3}{2} \times \frac{12}{5} = \frac{36}{10} = \frac{18}{5} = 3\frac{3}{5}$$

$$6. \quad \frac{5}{6} \div 2\frac{1}{2} = \frac{5}{6} \div \frac{5}{2} = \frac{5}{6} \times \frac{2}{5} = \frac{10}{30} = \frac{1}{3}$$

$$7. \quad 2\frac{2}{3} \times \frac{23}{8} = \frac{8}{3} \times \frac{23}{8} = \frac{184}{24} = \frac{23}{3} = 7\frac{2}{3}$$

$$8. \quad 1\frac{1}{3} \div \frac{10}{3} = \frac{4}{3} \div \frac{10}{3} = \frac{4}{3} \times \frac{3}{10} = \frac{12}{30} = \frac{2}{5}$$

$$9. \quad \frac{6}{5} \times \frac{8}{3} = \frac{48}{15} = \frac{16}{5} = 3\frac{1}{5}$$

$$10. \quad 3\frac{1}{2} \div 3\frac{3}{4} = \frac{7}{2} \div \frac{15}{4} = \frac{7}{2} \times \frac{4}{15} = \frac{28}{30} = \frac{14}{15}$$