

# Multiplying and Dividing Various Fractions (G)

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

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

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

Calculate each result.

1.  $\frac{5}{2} \div \frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$

2.  $\frac{1}{2} \times \frac{16}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3.  $\frac{1}{4} \div \frac{3}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{1}{2} \times \frac{18}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5.  $\frac{7}{6} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

7.  $1\frac{1}{6} \times 2\frac{2}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8.  $2\frac{1}{4} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $3\frac{1}{4} \div 1\frac{4}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10.  $\frac{1}{2} \div \frac{3}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (G) Answers

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

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

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

Calculate each result.

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

$$2. \quad \frac{1}{2} \times \frac{16}{5} = \frac{1}{2} \times \frac{16}{5} = \frac{16}{10} = \frac{8}{5} = 1\frac{3}{5}$$

$$3. \quad \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

$$4. \quad \frac{1}{2} \times \frac{18}{7} = \frac{1}{2} \times \frac{18}{7} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

$$5. \quad \frac{7}{6} \div \frac{1}{2} = \frac{7}{6} \times \frac{2}{1} = \frac{14}{6} = \frac{7}{3} = 2\frac{1}{3}$$

$$6. \quad 2\frac{2}{7} \times \frac{5}{2} = \frac{16}{7} \times \frac{5}{2} = \frac{80}{14} = \frac{40}{7} = 5\frac{5}{7}$$

$$7. \quad 1\frac{1}{6} \times 2\frac{2}{9} = \frac{7}{6} \times \frac{20}{9} = \frac{140}{54} = \frac{70}{27} = 2\frac{16}{27}$$

$$8. \quad 2\frac{1}{4} \times \frac{1}{3} = \frac{9}{4} \times \frac{1}{3} = \frac{9}{12} = \frac{3}{4}$$

$$9. \quad 3\frac{1}{4} \div 1\frac{4}{9} = \frac{13}{4} \div \frac{13}{9} = \frac{13}{4} \times \frac{9}{13} = \frac{117}{52} = \frac{9}{4} = 2\frac{1}{4}$$

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