

# Multiplying and Dividing Various Fractions (G)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{31}{8} \times \frac{5}{2} = \text{---} = \text{---}$

5.  $\frac{2}{3} \times 2\frac{1}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{19}{6} \times \frac{7}{4} = \text{---} = \text{---}$

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

8.  $\frac{7}{5} \div \frac{15}{8} = \text{---} \times \text{---} = \text{---}$

9.  $\frac{25}{8} \div \frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{1}{7} \div \frac{10}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{2}{3} \div 3\frac{1}{2} = \frac{11}{3} \div \frac{7}{2} = \frac{11}{3} \times \frac{2}{7} = \frac{22}{21} = 1\frac{1}{21}$$

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

$$3. \quad 2\frac{1}{4} \div 2\frac{1}{3} = \frac{9}{4} \div \frac{7}{3} = \frac{9}{4} \times \frac{3}{7} = \frac{27}{28}$$

$$4. \quad \frac{31}{8} \times \frac{5}{2} = \frac{155}{16} = 9\frac{11}{16}$$

$$5. \quad \frac{2}{3} \times 2\frac{1}{5} = \frac{2}{3} \times \frac{11}{5} = \frac{22}{15} = 1\frac{7}{15}$$

$$6. \quad \frac{19}{6} \times \frac{7}{4} = \frac{133}{24} = 5\frac{13}{24}$$

$$7. \quad \frac{3}{2} \times \frac{3}{4} = \frac{3}{2} \times \frac{3}{4} = \frac{9}{8} = 1\frac{1}{8}$$

$$8. \quad \frac{7}{5} \div \frac{15}{8} = \frac{7}{5} \times \frac{8}{15} = \frac{56}{75}$$

$$9. \quad \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \times \frac{3}{2} = \frac{75}{16} = 4\frac{11}{16}$$

$$10. \quad \frac{1}{7} \div \frac{10}{3} = \frac{1}{7} \div \frac{10}{3} = \frac{1}{7} \times \frac{3}{10} = \frac{3}{70}$$