

# Multiplying and Dividing Proper and Mixed Fractions (I)

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

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

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

Calculate each result.

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

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

3.  $\frac{5}{7} \div 1\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

5.  $\frac{1}{7} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

8.  $\frac{1}{6} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9.  $\frac{3}{5} \times 2\frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

# Multiplying and Dividing Proper and Mixed Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{3}{8} \times \frac{1}{2} = \frac{19}{8} \times \frac{1}{2} = \frac{19}{16} = 1\frac{3}{16}$$

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

$$3. \quad \frac{5}{7} \div 1\frac{3}{5} = \frac{5}{7} \div \frac{8}{5} = \frac{5}{7} \times \frac{5}{8} = \frac{25}{56}$$

$$4. \quad \frac{2}{5} \times 2\frac{2}{3} = \frac{2}{5} \times \frac{8}{3} = \frac{16}{15} = 1\frac{1}{15}$$

$$5. \quad \frac{1}{7} \div 3\frac{2}{3} = \frac{1}{7} \div \frac{11}{3} = \frac{1}{7} \times \frac{3}{11} = \frac{3}{77}$$

$$6. \quad \frac{2}{3} \div 3\frac{1}{8} = \frac{2}{3} \div \frac{25}{8} = \frac{2}{3} \times \frac{8}{25} = \frac{16}{75}$$

$$7. \quad \frac{3}{5} \times 2\frac{2}{5} = \frac{3}{5} \times \frac{12}{5} = \frac{36}{25} = 1\frac{11}{25}$$

$$8. \quad \frac{1}{6} \div 3\frac{2}{5} = \frac{1}{6} \div \frac{17}{5} = \frac{1}{6} \times \frac{5}{17} = \frac{5}{102}$$

$$9. \quad \frac{3}{5} \times 2\frac{3}{8} = \frac{3}{5} \times \frac{19}{8} = \frac{57}{40} = 1\frac{17}{40}$$

$$10. \quad \frac{3}{4} \times 2\frac{1}{4} = \frac{3}{4} \times \frac{9}{4} = \frac{27}{16} = 1\frac{11}{16}$$