

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{3} \times 3\frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

10. $1\frac{1}{6} \times \frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{3} \times \frac{5}{7} = \frac{7}{3} \times \frac{5}{7} = \frac{35}{21} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \quad \frac{1}{3} \times 3\frac{6}{7} = \frac{1}{3} \times \frac{27}{7} = \frac{27}{21} = \frac{9}{7} = 1\frac{2}{7}$$

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

$$4. \quad \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$

$$5. \quad 1\frac{1}{6} \div \frac{2}{3} = \frac{7}{6} \div \frac{2}{3} = \frac{7}{6} \times \frac{3}{2} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$6. \quad \frac{2}{3} \div 1\frac{1}{5} = \frac{2}{3} \div \frac{6}{5} = \frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{5}{9}$$

$$7. \quad \frac{1}{4} \div 1\frac{1}{2} = \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

$$8. \quad \frac{1}{9} \times 1\frac{1}{2} = \frac{1}{9} \times \frac{3}{2} = \frac{3}{18} = \frac{1}{6}$$

$$9. \quad \frac{1}{2} \times 2\frac{6}{7} = \frac{1}{2} \times \frac{20}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$10. \quad 1\frac{1}{6} \times \frac{3}{4} = \frac{7}{6} \times \frac{3}{4} = \frac{21}{24} = \frac{7}{8}$$