

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $1\frac{1}{6} \times \frac{1}{2} =$

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

4. $\frac{2}{9} \div 1\frac{4}{5} =$

5. $\frac{1}{3} \times 3\frac{5}{8} =$

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

7. $1\frac{7}{9} \div \frac{1}{2} =$

8. $\frac{1}{4} \div 3\frac{2}{7} =$

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

10. $\frac{3}{8} \div 2\frac{2}{3} =$

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{5}{6} \times 3\frac{5}{8} = \frac{5}{6} \times \frac{29}{8} = \frac{145}{48} = 3\frac{1}{48}$$

$$4. \quad \frac{2}{9} \div 1\frac{4}{5} = \frac{2}{9} \div \frac{9}{5} = \frac{2}{9} \times \frac{5}{9} = \frac{10}{81}$$

$$5. \quad \frac{1}{3} \times 3\frac{5}{8} = \frac{1}{3} \times \frac{29}{8} = \frac{29}{24} = 1\frac{5}{24}$$

$$6. \quad 2\frac{1}{8} \times \frac{1}{3} = \frac{17}{8} \times \frac{1}{3} = \frac{17}{24}$$

$$7. \quad 1\frac{7}{9} \div \frac{1}{2} = \frac{16}{9} \div \frac{1}{2} = \frac{16}{9} \times \frac{2}{1} = \frac{32}{9} = 3\frac{5}{9}$$

$$8. \quad \frac{1}{4} \div 3\frac{2}{7} = \frac{1}{4} \div \frac{23}{7} = \frac{1}{4} \times \frac{7}{23} = \frac{7}{92}$$

$$9. \quad \frac{3}{7} \div 1\frac{1}{4} = \frac{3}{7} \div \frac{5}{4} = \frac{3}{7} \times \frac{4}{5} = \frac{12}{35}$$

$$10. \quad \frac{3}{8} \div 2\frac{2}{3} = \frac{3}{8} \div \frac{8}{3} = \frac{3}{8} \times \frac{3}{8} = \frac{9}{64}$$