

## Multiplying and Dividing Proper and Mixed Fractions (E)

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

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

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

Calculate each result.

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

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

3.  $1\frac{8}{9} \div \frac{1}{2} =$

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

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

6.  $1\frac{1}{5} \times \frac{4}{5} =$

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

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

9.  $\frac{2}{7} \times 3\frac{2}{3} =$

10.  $2\frac{6}{7} \times \frac{5}{7} =$

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

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{8} \div \frac{2}{3} = \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \times \frac{3}{2} = \frac{75}{16} = 4\frac{11}{16}$$

$$2. \quad 2\frac{2}{3} \times \frac{2}{3} = \frac{8}{3} \times \frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$3. \quad 1\frac{8}{9} \div \frac{1}{2} = \frac{17}{9} \div \frac{1}{2} = \frac{17}{9} \times \frac{2}{1} = \frac{34}{9} = 3\frac{7}{9}$$

$$4. \quad \frac{3}{4} \div 1\frac{1}{3} = \frac{3}{4} \div \frac{4}{3} = \frac{3}{4} \times \frac{3}{4} = \frac{9}{16}$$

$$5. \quad \frac{1}{2} \times 2\frac{1}{2} = \frac{1}{2} \times \frac{5}{2} = \frac{5}{4} = 1\frac{1}{4}$$

$$6. \quad 1\frac{1}{5} \times \frac{4}{5} = \frac{6}{5} \times \frac{4}{5} = \frac{24}{25}$$

$$7. \quad 1\frac{1}{5} \div \frac{1}{3} = \frac{6}{5} \div \frac{1}{3} = \frac{6}{5} \times \frac{3}{1} = \frac{18}{5} = 3\frac{3}{5}$$

$$8. \quad \frac{1}{2} \div 3\frac{4}{7} = \frac{1}{2} \div \frac{25}{7} = \frac{1}{2} \times \frac{7}{25} = \frac{7}{50}$$

$$9. \quad \frac{2}{7} \times 3\frac{2}{3} = \frac{2}{7} \times \frac{11}{3} = \frac{22}{21} = 1\frac{1}{21}$$

$$10. \quad 2\frac{6}{7} \times \frac{5}{7} = \frac{20}{7} \times \frac{5}{7} = \frac{100}{49} = 2\frac{2}{49}$$