

## Multiplying and Dividing Mixed Fractions (E)

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

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

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

Calculate each result.

1.  $5\frac{2}{3} \div 1\frac{2}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

3.  $2\frac{4}{7} \div 5\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

4.  $4\frac{6}{7} \times 3\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $3\frac{3}{4} \div 4\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $3\frac{3}{4} \times 4\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $2\frac{1}{9} \times 2\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $1\frac{2}{3} \div 4\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $1\frac{1}{3} \times 3\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $1\frac{1}{2} \times 2\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 5\frac{2}{3} \div 1\frac{2}{5} = \frac{17}{3} \div \frac{7}{5} = \frac{17}{3} \times \frac{5}{7} = \frac{85}{21} = 4\frac{1}{21}$$

$$2. \quad 3\frac{4}{9} \div 2\frac{3}{4} = \frac{31}{9} \div \frac{11}{4} = \frac{31}{9} \times \frac{4}{11} = \frac{124}{99} = 1\frac{25}{99}$$

$$3. \quad 2\frac{4}{7} \div 5\frac{2}{3} = \frac{18}{7} \div \frac{17}{3} = \frac{18}{7} \times \frac{3}{17} = \frac{54}{119}$$

$$4. \quad 4\frac{6}{7} \times 3\frac{6}{7} = \frac{34}{7} \times \frac{27}{7} = \frac{918}{49} = 18\frac{36}{49}$$

$$5. \quad 3\frac{3}{4} \div 4\frac{1}{2} = \frac{15}{4} \div \frac{9}{2} = \frac{15}{4} \times \frac{2}{9} = \frac{30}{36} = \frac{5}{6}$$

$$6. \quad 3\frac{3}{4} \times 4\frac{1}{5} = \frac{15}{4} \times \frac{21}{5} = \frac{315}{20} = \frac{63}{4} = 15\frac{3}{4}$$

$$7. \quad 2\frac{1}{9} \times 2\frac{1}{2} = \frac{19}{9} \times \frac{5}{2} = \frac{95}{18} = 5\frac{5}{18}$$

$$8. \quad 1\frac{2}{3} \div 4\frac{1}{6} = \frac{5}{3} \div \frac{25}{6} = \frac{5}{3} \times \frac{6}{25} = \frac{30}{75} = \frac{2}{5}$$

$$9. \quad 1\frac{1}{3} \times 3\frac{6}{7} = \frac{4}{3} \times \frac{27}{7} = \frac{108}{21} = \frac{36}{7} = 5\frac{1}{7}$$

$$10. \quad 1\frac{1}{2} \times 2\frac{6}{7} = \frac{3}{2} \times \frac{20}{7} = \frac{60}{14} = \frac{30}{7} = 4\frac{2}{7}$$