

## Multiplying and Dividing Mixed Fractions (B)

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

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

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

Calculate each result.

1.  $2\frac{1}{3} \div 4\frac{5}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $5\frac{1}{2} \times 3\frac{5}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $3\frac{1}{2} \div 5\frac{5}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5.  $2\frac{1}{2} \times 4\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $4\frac{1}{2} \times 5\frac{1}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

7.  $1\frac{1}{8} \div 4\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $4\frac{5}{6} \times 4\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $2\frac{1}{6} \div 3\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $2\frac{5}{8} \div 2\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{3} \div 4\frac{5}{9} = \frac{7}{3} \div \frac{41}{9} = \frac{7}{3} \times \frac{9}{41} = \frac{63}{123} = \frac{21}{41}$$

$$2. \quad 5\frac{1}{2} \times 3\frac{5}{9} = \frac{11}{2} \times \frac{32}{9} = \frac{352}{18} = \frac{176}{9} = 19\frac{5}{9}$$

$$3. \quad 3\frac{1}{2} \div 5\frac{5}{6} = \frac{7}{2} \div \frac{35}{6} = \frac{7}{2} \times \frac{6}{35} = \frac{42}{70} = \frac{3}{5}$$

$$4. \quad 4\frac{2}{3} \times 4\frac{1}{2} = \frac{14}{3} \times \frac{9}{2} = \frac{126}{6} = 21$$

$$5. \quad 2\frac{1}{2} \times 4\frac{6}{7} = \frac{5}{2} \times \frac{34}{7} = \frac{170}{14} = \frac{85}{7} = 12\frac{1}{7}$$

$$6. \quad 4\frac{1}{2} \times 5\frac{1}{3} = \frac{9}{2} \times \frac{16}{3} = \frac{144}{6} = 24$$

$$7. \quad 1\frac{1}{8} \div 4\frac{1}{2} = \frac{9}{8} \div \frac{9}{2} = \frac{9}{8} \times \frac{2}{9} = \frac{18}{72} = \frac{1}{4}$$

$$8. \quad 4\frac{5}{6} \times 4\frac{2}{3} = \frac{29}{6} \times \frac{14}{3} = \frac{406}{18} = \frac{203}{9} = 22\frac{5}{9}$$

$$9. \quad 2\frac{1}{6} \div 3\frac{7}{8} = \frac{13}{6} \div \frac{31}{8} = \frac{13}{6} \times \frac{8}{31} = \frac{104}{186} = \frac{52}{93}$$

$$10. \quad 2\frac{5}{8} \div 2\frac{1}{2} = \frac{21}{8} \div \frac{5}{2} = \frac{21}{8} \times \frac{2}{5} = \frac{42}{40} = \frac{21}{20} = 1\frac{1}{20}$$