

## Multiplying and Dividing Mixed Fractions (H)

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

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

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

Calculate each result.

1.  $4\frac{4}{7} \div 3\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

7.  $2\frac{1}{2} \times 4\frac{3}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $5\frac{1}{3} \div 3\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10.  $4\frac{1}{4} \times 4\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 4\frac{4}{7} \div 3\frac{1}{4} = \frac{32}{7} \div \frac{13}{4} = \frac{32}{7} \times \frac{4}{13} = \frac{128}{91} = 1\frac{37}{91}$$

$$2. \quad 3\frac{1}{2} \times 3\frac{1}{2} = \frac{7}{2} \times \frac{7}{2} = \frac{49}{4} = 12\frac{1}{4}$$

$$3. \quad 1\frac{2}{9} \div 4\frac{4}{5} = \frac{11}{9} \div \frac{24}{5} = \frac{11}{9} \times \frac{5}{24} = \frac{55}{216}$$

$$4. \quad 1\frac{1}{5} \times 5\frac{1}{5} = \frac{6}{5} \times \frac{26}{5} = \frac{156}{25} = 6\frac{6}{25}$$

$$5. \quad 4\frac{1}{4} \times 1\frac{1}{2} = \frac{17}{4} \times \frac{3}{2} = \frac{51}{8} = 6\frac{3}{8}$$

$$6. \quad 4\frac{3}{4} \div 5\frac{2}{7} = \frac{19}{4} \div \frac{37}{7} = \frac{19}{4} \times \frac{7}{37} = \frac{133}{148}$$

$$7. \quad 2\frac{1}{2} \times 4\frac{3}{7} = \frac{5}{2} \times \frac{31}{7} = \frac{155}{14} = 11\frac{1}{14}$$

$$8. \quad 5\frac{1}{3} \div 3\frac{1}{4} = \frac{16}{3} \div \frac{13}{4} = \frac{16}{3} \times \frac{4}{13} = \frac{64}{39} = 1\frac{25}{39}$$

$$9. \quad 3\frac{1}{2} \div 4\frac{1}{3} = \frac{7}{2} \div \frac{13}{3} = \frac{7}{2} \times \frac{3}{13} = \frac{21}{26}$$

$$10. \quad 4\frac{1}{4} \times 4\frac{1}{2} = \frac{17}{4} \times \frac{9}{2} = \frac{153}{8} = 19\frac{1}{8}$$