

## Multiplying and Dividing Mixed Fractions (J)

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

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

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

Calculate each result.

1.  $5\frac{3}{7} \div 1\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

8.  $4\frac{4}{5} \times 2\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10.  $1\frac{1}{9} \div 3\frac{3}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 5\frac{3}{7} \div 1\frac{1}{2} = \frac{38}{7} \div \frac{3}{2} = \frac{38}{7} \times \frac{2}{3} = \frac{76}{21} = 3\frac{13}{21}$$

$$2. \quad 1\frac{1}{3} \div 2\frac{1}{2} = \frac{4}{3} \div \frac{5}{2} = \frac{4}{3} \times \frac{2}{5} = \frac{8}{15}$$

$$3. \quad 3\frac{1}{3} \times 3\frac{5}{9} = \frac{10}{3} \times \frac{32}{9} = \frac{320}{27} = 11\frac{23}{27}$$

$$4. \quad 2\frac{3}{5} \times 5\frac{1}{2} = \frac{13}{5} \times \frac{11}{2} = \frac{143}{10} = 14\frac{3}{10}$$

$$5. \quad 2\frac{1}{4} \div 5\frac{3}{5} = \frac{9}{4} \div \frac{28}{5} = \frac{9}{4} \times \frac{5}{28} = \frac{45}{112}$$

$$6. \quad 3\frac{3}{5} \times 4\frac{1}{5} = \frac{18}{5} \times \frac{21}{5} = \frac{378}{25} = 15\frac{3}{25}$$

$$7. \quad 3\frac{7}{8} \times 3\frac{1}{2} = \frac{31}{8} \times \frac{7}{2} = \frac{217}{16} = 13\frac{9}{16}$$

$$8. \quad 4\frac{4}{5} \times 2\frac{1}{5} = \frac{24}{5} \times \frac{11}{5} = \frac{264}{25} = 10\frac{14}{25}$$

$$9. \quad 2\frac{1}{2} \div 1\frac{2}{9} = \frac{5}{2} \div \frac{11}{9} = \frac{5}{2} \times \frac{9}{11} = \frac{45}{22} = 2\frac{1}{22}$$

$$10. \quad 1\frac{1}{9} \div 3\frac{3}{8} = \frac{10}{9} \div \frac{27}{8} = \frac{10}{9} \times \frac{8}{27} = \frac{80}{243}$$