

## Multiplying and Dividing Mixed Fractions (J)

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

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

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

Calculate each result.

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

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

3.  $4\frac{2}{7} \times 3\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

10.  $1\frac{5}{6} \div 3\frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 5\frac{5}{6} \times 3\frac{1}{5} = \frac{35}{6} \times \frac{16}{5} = \frac{560}{30} = \frac{56}{3} = 18\frac{2}{3}$$

$$2. \quad 1\frac{2}{5} \div 1\frac{1}{2} = \frac{7}{5} \div \frac{3}{2} = \frac{7}{5} \times \frac{2}{3} = \frac{14}{15}$$

$$3. \quad 4\frac{2}{7} \times 3\frac{1}{5} = \frac{30}{7} \times \frac{16}{5} = \frac{480}{35} = \frac{96}{7} = 13\frac{5}{7}$$

$$4. \quad 2\frac{3}{4} \times 3\frac{1}{2} = \frac{11}{4} \times \frac{7}{2} = \frac{77}{8} = 9\frac{5}{8}$$

$$5. \quad 1\frac{1}{5} \div 5\frac{2}{3} = \frac{6}{5} \div \frac{17}{3} = \frac{6}{5} \times \frac{3}{17} = \frac{18}{85}$$

$$6. \quad 2\frac{1}{5} \div 5\frac{4}{5} = \frac{11}{5} \div \frac{29}{5} = \frac{11}{5} \times \frac{5}{29} = \frac{55}{145} = \frac{11}{29}$$

$$7. \quad 3\frac{1}{4} \times 1\frac{1}{2} = \frac{13}{4} \times \frac{3}{2} = \frac{39}{8} = 4\frac{7}{8}$$

$$8. \quad 3\frac{2}{3} \times 2\frac{3}{4} = \frac{11}{3} \times \frac{11}{4} = \frac{121}{12} = 10\frac{1}{12}$$

$$9. \quad 1\frac{2}{7} \div 3\frac{1}{2} = \frac{9}{7} \div \frac{7}{2} = \frac{9}{7} \times \frac{2}{7} = \frac{18}{49}$$

$$10. \quad 1\frac{5}{6} \div 3\frac{3}{4} = \frac{11}{6} \div \frac{15}{4} = \frac{11}{6} \times \frac{4}{15} = \frac{44}{90} = \frac{22}{45}$$