

Multiplying and Dividing Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $1\frac{5}{7} \times 5\frac{5}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $4\frac{3}{5} \times 3\frac{5}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $5\frac{4}{9} \times 3\frac{3}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $4\frac{3}{4} \div 5\frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

9. $3\frac{1}{2} \div 4\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10. $3\frac{3}{4} \div 5\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{8} \div 2\frac{7}{8} = \frac{17}{8} \div \frac{23}{8} = \frac{17}{8} \times \frac{8}{23} = \frac{136}{184} = \frac{17}{23}$$

$$2. \quad 3\frac{1}{4} \times 3\frac{1}{5} = \frac{13}{4} \times \frac{16}{5} = \frac{208}{20} = \frac{52}{5} = 10\frac{2}{5}$$

$$3. \quad 3\frac{1}{2} \times 3\frac{5}{6} = \frac{7}{2} \times \frac{23}{6} = \frac{161}{12} = 13\frac{5}{12}$$

$$4. \quad 1\frac{5}{7} \times 5\frac{5}{8} = \frac{12}{7} \times \frac{45}{8} = \frac{540}{56} = \frac{135}{14} = 9\frac{9}{14}$$

$$5. \quad 3\frac{1}{4} \div 1\frac{1}{2} = \frac{13}{4} \div \frac{3}{2} = \frac{13}{4} \times \frac{2}{3} = \frac{26}{12} = \frac{13}{6} = 2\frac{1}{6}$$

$$6. \quad 4\frac{3}{5} \times 3\frac{5}{9} = \frac{23}{5} \times \frac{32}{9} = \frac{736}{45} = 16\frac{16}{45}$$

$$7. \quad 5\frac{4}{9} \times 3\frac{3}{5} = \frac{49}{9} \times \frac{18}{5} = \frac{882}{45} = \frac{98}{5} = 19\frac{3}{5}$$

$$8. \quad 4\frac{3}{4} \div 5\frac{8}{9} = \frac{19}{4} \div \frac{53}{9} = \frac{19}{4} \times \frac{9}{53} = \frac{171}{212}$$

$$9. \quad 3\frac{1}{2} \div 4\frac{5}{7} = \frac{7}{2} \div \frac{33}{7} = \frac{7}{2} \times \frac{7}{33} = \frac{49}{66}$$

$$10. \quad 3\frac{3}{4} \div 5\frac{7}{8} = \frac{15}{4} \div \frac{47}{8} = \frac{15}{4} \times \frac{8}{47} = \frac{120}{188} = \frac{30}{47}$$