

Multiplying and Dividing Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{3}{4} \times 4\frac{8}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{4} \times 4\frac{8}{9} = \frac{15}{4} \times \frac{44}{9} = \frac{660}{36} = \frac{55}{3} = 18\frac{1}{3}$$

$$2. \quad 5\frac{4}{7} \div 3\frac{6}{7} = \frac{39}{7} \div \frac{27}{7} = \frac{39}{7} \times \frac{7}{27} = \frac{273}{189} = \frac{13}{9} = 1\frac{4}{9}$$

$$3. \quad 5\frac{2}{3} \times 1\frac{1}{5} = \frac{17}{3} \times \frac{6}{5} = \frac{102}{15} = \frac{34}{5} = 6\frac{4}{5}$$

$$4. \quad 3\frac{1}{2} \times 4\frac{1}{7} = \frac{7}{2} \times \frac{29}{7} = \frac{203}{14} = \frac{29}{2} = 14\frac{1}{2}$$

$$5. \quad 4\frac{1}{2} \times 4\frac{1}{3} = \frac{9}{2} \times \frac{13}{3} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$$

$$6. \quad 3\frac{1}{2} \div 1\frac{2}{5} = \frac{7}{2} \div \frac{7}{5} = \frac{7}{2} \times \frac{5}{7} = \frac{35}{14} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \quad 5\frac{1}{7} \div 1\frac{1}{2} = \frac{36}{7} \div \frac{3}{2} = \frac{36}{7} \times \frac{2}{3} = \frac{72}{21} = \frac{24}{7} = 3\frac{3}{7}$$

$$8. \quad 5\frac{4}{7} \times 1\frac{2}{3} = \frac{39}{7} \times \frac{5}{3} = \frac{195}{21} = \frac{65}{7} = 9\frac{2}{7}$$

$$9. \quad 4\frac{2}{3} \div 4\frac{1}{5} = \frac{14}{3} \div \frac{21}{5} = \frac{14}{3} \times \frac{5}{21} = \frac{70}{63} = \frac{10}{9} = 1\frac{1}{9}$$

$$10. \quad 1\frac{1}{3} \div 4\frac{1}{3} = \frac{4}{3} \div \frac{13}{3} = \frac{4}{3} \times \frac{3}{13} = \frac{12}{39} = \frac{4}{13}$$