

Multiplying and Dividing Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $5\frac{2}{9} \div 1\frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

8. $2\frac{4}{9} \times 2\frac{1}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $2\frac{5}{8} \div 5\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Multiplying and Dividing Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{4}{9} \times 1\frac{1}{5} = \frac{31}{9} \times \frac{6}{5} = \frac{186}{45} = \frac{62}{15} = 4\frac{2}{15}$$

$$2. \quad 1\frac{5}{6} \times 4\frac{1}{2} = \frac{11}{6} \times \frac{9}{2} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$$

$$3. \quad 5\frac{2}{9} \div 1\frac{8}{9} = \frac{47}{9} \div \frac{17}{9} = \frac{47}{9} \times \frac{9}{17} = \frac{423}{153} = \frac{47}{17} = 2\frac{13}{17}$$

$$4. \quad 4\frac{1}{2} \div 1\frac{1}{2} = \frac{9}{2} \div \frac{3}{2} = \frac{9}{2} \times \frac{2}{3} = \frac{18}{6} = 3$$

$$5. \quad 5\frac{1}{3} \times 2\frac{1}{2} = \frac{16}{3} \times \frac{5}{2} = \frac{80}{6} = \frac{40}{3} = 13\frac{1}{3}$$

$$6. \quad 2\frac{3}{5} \times 1\frac{2}{3} = \frac{13}{5} \times \frac{5}{3} = \frac{65}{15} = \frac{13}{3} = 4\frac{1}{3}$$

$$7. \quad 5\frac{1}{2} \div 1\frac{1}{8} = \frac{11}{2} \div \frac{9}{8} = \frac{11}{2} \times \frac{8}{9} = \frac{88}{18} = \frac{44}{9} = 4\frac{8}{9}$$

$$8. \quad 2\frac{4}{9} \times 2\frac{1}{4} = \frac{22}{9} \times \frac{9}{4} = \frac{198}{36} = \frac{11}{2} = 5\frac{1}{2}$$

$$9. \quad 2\frac{5}{8} \div 5\frac{1}{2} = \frac{21}{8} \div \frac{11}{2} = \frac{21}{8} \times \frac{2}{11} = \frac{42}{88} = \frac{21}{44}$$

$$10. \quad 5\frac{1}{5} \div 3\frac{1}{5} = \frac{26}{5} \div \frac{16}{5} = \frac{26}{5} \times \frac{5}{16} = \frac{130}{80} = \frac{13}{8} = 1\frac{5}{8}$$