

Multiplying and Dividing Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $3\frac{6}{7} \times 2\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $1\frac{4}{5} \times 2\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (F) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{2} \div 3\frac{1}{2} = \frac{5}{2} \div \frac{7}{2} = \frac{5}{2} \times \frac{2}{7} = \frac{10}{14} = \frac{5}{7}$$

$$2. \quad 4\frac{5}{7} \times 4\frac{1}{5} = \frac{33}{7} \times \frac{21}{5} = \frac{693}{35} = \frac{99}{5} = 19\frac{4}{5}$$

$$3. \quad 2\frac{5}{9} \div 1\frac{2}{3} = \frac{23}{9} \div \frac{5}{3} = \frac{23}{9} \times \frac{3}{5} = \frac{69}{45} = \frac{23}{15} = 1\frac{8}{15}$$

$$4. \quad 1\frac{3}{4} \times 3\frac{1}{9} = \frac{7}{4} \times \frac{28}{9} = \frac{196}{36} = \frac{49}{9} = 5\frac{4}{9}$$

$$5. \quad 3\frac{4}{5} \times 5\frac{5}{9} = \frac{19}{5} \times \frac{50}{9} = \frac{950}{45} = \frac{190}{9} = 21\frac{1}{9}$$

$$6. \quad 1\frac{3}{4} \div 2\frac{1}{9} = \frac{7}{4} \div \frac{19}{9} = \frac{7}{4} \times \frac{9}{19} = \frac{63}{76}$$

$$7. \quad 5\frac{5}{7} \div 2\frac{1}{4} = \frac{40}{7} \div \frac{9}{4} = \frac{40}{7} \times \frac{4}{9} = \frac{160}{63} = 2\frac{34}{63}$$

$$8. \quad 2\frac{1}{2} \div 1\frac{1}{3} = \frac{5}{2} \div \frac{4}{3} = \frac{5}{2} \times \frac{3}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$9. \quad 3\frac{6}{7} \times 2\frac{2}{3} = \frac{27}{7} \times \frac{8}{3} = \frac{216}{21} = \frac{72}{7} = 10\frac{2}{7}$$

$$10. \quad 1\frac{4}{5} \times 2\frac{1}{2} = \frac{9}{5} \times \frac{5}{2} = \frac{45}{10} = \frac{9}{2} = 4\frac{1}{2}$$