

Multiplying and Dividing Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $1\frac{7}{8} \times 5\frac{2}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $1\frac{1}{3} \times 1\frac{1}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (D) Answers

Name: _____

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Calculate each result.

$$1. \quad 4\frac{1}{4} \div 3\frac{5}{9} = \frac{17}{4} \div \frac{32}{9} = \frac{17}{4} \times \frac{9}{32} = \frac{153}{128} = 1\frac{25}{128}$$

$$2. \quad 5\frac{1}{8} \times 2\frac{1}{8} = \frac{41}{8} \times \frac{17}{8} = \frac{697}{64} = 10\frac{57}{64}$$

$$3. \quad 3\frac{2}{3} \div 5\frac{1}{5} = \frac{11}{3} \div \frac{26}{5} = \frac{11}{3} \times \frac{5}{26} = \frac{55}{78}$$

$$4. \quad 4\frac{3}{5} \div 2\frac{4}{9} = \frac{23}{5} \div \frac{22}{9} = \frac{23}{5} \times \frac{9}{22} = \frac{207}{110} = 1\frac{97}{110}$$

$$5. \quad 4\frac{1}{2} \div 5\frac{2}{3} = \frac{9}{2} \div \frac{17}{3} = \frac{9}{2} \times \frac{3}{17} = \frac{27}{34}$$

$$6. \quad 3\frac{2}{5} \times 3\frac{1}{5} = \frac{17}{5} \times \frac{16}{5} = \frac{272}{25} = 10\frac{22}{25}$$

$$7. \quad 5\frac{2}{3} \div 2\frac{1}{2} = \frac{17}{3} \div \frac{5}{2} = \frac{17}{3} \times \frac{2}{5} = \frac{34}{15} = 2\frac{4}{15}$$

$$8. \quad 5\frac{1}{2} \times 4\frac{3}{7} = \frac{11}{2} \times \frac{31}{7} = \frac{341}{14} = 24\frac{5}{14}$$

$$9. \quad 1\frac{7}{8} \times 5\frac{2}{7} = \frac{15}{8} \times \frac{37}{7} = \frac{555}{56} = 9\frac{51}{56}$$

$$10. \quad 1\frac{1}{3} \times 1\frac{1}{7} = \frac{4}{3} \times \frac{8}{7} = \frac{32}{21} = 1\frac{11}{21}$$