

Multiplying and Dividing Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $5\frac{2}{3} \times 2\frac{1}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (C) Answers

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Calculate each result.

$$1. \quad 5\frac{4}{5} \div 2\frac{1}{2} = \frac{29}{5} \div \frac{5}{2} = \frac{29}{5} \times \frac{2}{5} = \frac{58}{25} = 2\frac{8}{25}$$

$$2. \quad 4\frac{2}{3} \div 3\frac{3}{4} = \frac{14}{3} \div \frac{15}{4} = \frac{14}{3} \times \frac{4}{15} = \frac{56}{45} = 1\frac{11}{45}$$

$$3. \quad 1\frac{2}{9} \div 2\frac{2}{5} = \frac{11}{9} \div \frac{12}{5} = \frac{11}{9} \times \frac{5}{12} = \frac{55}{108}$$

$$4. \quad 1\frac{2}{9} \div 1\frac{1}{5} = \frac{11}{9} \div \frac{6}{5} = \frac{11}{9} \times \frac{5}{6} = \frac{55}{54} = 1\frac{1}{54}$$

$$5. \quad 3\frac{2}{3} \times 2\frac{1}{6} = \frac{11}{3} \times \frac{13}{6} = \frac{143}{18} = 7\frac{17}{18}$$

$$6. \quad 1\frac{1}{2} \div 3\frac{4}{5} = \frac{3}{2} \div \frac{19}{5} = \frac{3}{2} \times \frac{5}{19} = \frac{15}{38}$$

$$7. \quad 2\frac{4}{5} \times 2\frac{2}{3} = \frac{14}{5} \times \frac{8}{3} = \frac{112}{15} = 7\frac{7}{15}$$

$$8. \quad 3\frac{1}{2} \times 2\frac{1}{2} = \frac{7}{2} \times \frac{5}{2} = \frac{35}{4} = 8\frac{3}{4}$$

$$9. \quad 3\frac{7}{9} \times 2\frac{4}{9} = \frac{34}{9} \times \frac{22}{9} = \frac{748}{81} = 9\frac{19}{81}$$

$$10. \quad 5\frac{2}{3} \times 2\frac{1}{6} = \frac{17}{3} \times \frac{13}{6} = \frac{221}{18} = 12\frac{5}{18}$$