

Multiplying and Dividing Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $4\frac{8}{9} \div 3\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $1\frac{2}{7} \times 2\frac{4}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

9. $5\frac{2}{3} \times 2\frac{1}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Multiplying and Dividing Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{4} \div 4\frac{1}{8} = \frac{9}{4} \div \frac{33}{8} = \frac{9}{4} \times \frac{8}{33} = \frac{72}{132} = \frac{6}{11}$$

$$2. \quad 5\frac{3}{4} \div 2\frac{1}{2} = \frac{23}{4} \div \frac{5}{2} = \frac{23}{4} \times \frac{2}{5} = \frac{46}{20} = \frac{23}{10} = 2\frac{3}{10}$$

$$3. \quad 1\frac{3}{8} \div 3\frac{1}{4} = \frac{11}{8} \div \frac{13}{4} = \frac{11}{8} \times \frac{4}{13} = \frac{44}{104} = \frac{11}{26}$$

$$4. \quad 4\frac{8}{9} \div 3\frac{1}{6} = \frac{44}{9} \div \frac{19}{6} = \frac{44}{9} \times \frac{6}{19} = \frac{264}{171} = \frac{88}{57} = 1\frac{31}{57}$$

$$5. \quad 1\frac{2}{7} \div 3\frac{4}{7} = \frac{9}{7} \div \frac{25}{7} = \frac{9}{7} \times \frac{7}{25} = \frac{63}{175} = \frac{9}{25}$$

$$6. \quad 1\frac{2}{7} \times 2\frac{4}{9} = \frac{9}{7} \times \frac{22}{9} = \frac{198}{63} = \frac{22}{7} = 3\frac{1}{7}$$

$$7. \quad 1\frac{1}{7} \times 1\frac{3}{4} = \frac{8}{7} \times \frac{7}{4} = \frac{56}{28} = 2$$

$$8. \quad 5\frac{3}{7} \times 2\frac{1}{8} = \frac{38}{7} \times \frac{17}{8} = \frac{646}{56} = \frac{323}{28} = 11\frac{15}{28}$$

$$9. \quad 5\frac{2}{3} \times 2\frac{1}{7} = \frac{17}{3} \times \frac{15}{7} = \frac{255}{21} = \frac{85}{7} = 12\frac{1}{7}$$

$$10. \quad 1\frac{1}{5} \times 1\frac{1}{3} = \frac{6}{5} \times \frac{4}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$