

Multiplying and Dividing Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $2\frac{6}{7} \times 2\frac{1}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

10. $1\frac{5}{7} \times 1\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (E) Answers

Name: _____

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Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{3} \div 4\frac{2}{3} = \frac{4}{3} \div \frac{14}{3} = \frac{4}{3} \times \frac{3}{14} = \frac{12}{42} = \frac{2}{7}$$

$$2. \quad 5\frac{1}{6} \div 3\frac{1}{2} = \frac{31}{6} \div \frac{7}{2} = \frac{31}{6} \times \frac{2}{7} = \frac{62}{42} = \frac{31}{21} = 1\frac{10}{21}$$

$$3. \quad 5\frac{2}{7} \div 2\frac{3}{7} = \frac{37}{7} \div \frac{17}{7} = \frac{37}{7} \times \frac{7}{17} = \frac{259}{119} = \frac{37}{17} = 2\frac{3}{17}$$

$$4. \quad 2\frac{6}{7} \times 2\frac{1}{3} = \frac{20}{7} \times \frac{7}{3} = \frac{140}{21} = \frac{20}{3} = 6\frac{2}{3}$$

$$5. \quad 5\frac{1}{5} \times 1\frac{1}{2} = \frac{26}{5} \times \frac{3}{2} = \frac{78}{10} = \frac{39}{5} = 7\frac{4}{5}$$

$$6. \quad 1\frac{1}{5} \times 3\frac{1}{2} = \frac{6}{5} \times \frac{7}{2} = \frac{42}{10} = \frac{21}{5} = 4\frac{1}{5}$$

$$7. \quad 4\frac{1}{4} \times 2\frac{2}{7} = \frac{17}{4} \times \frac{16}{7} = \frac{272}{28} = \frac{68}{7} = 9\frac{5}{7}$$

$$8. \quad 1\frac{1}{2} \div 4\frac{5}{8} = \frac{3}{2} \div \frac{37}{8} = \frac{3}{2} \times \frac{8}{37} = \frac{24}{74} = \frac{12}{37}$$

$$9. \quad 5\frac{5}{9} \div 4\frac{1}{3} = \frac{50}{9} \div \frac{13}{3} = \frac{50}{9} \times \frac{3}{13} = \frac{150}{117} = \frac{50}{39} = 1\frac{11}{39}$$

$$10. \quad 1\frac{5}{7} \times 1\frac{1}{2} = \frac{12}{7} \times \frac{3}{2} = \frac{36}{14} = \frac{18}{7} = 2\frac{4}{7}$$