

Multiplying and Dividing Two Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $2\frac{2}{3} \times 2\frac{3}{8} =$

6. $1\frac{2}{9} \times 1\frac{5}{7} =$

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

8. $2\frac{1}{6} \div 1\frac{1}{2} =$

9. $1\frac{4}{7} \div 3\frac{4}{7} =$

10. $1\frac{3}{4} \div 3\frac{1}{2} =$

Multiplying and Dividing Two Mixed Fractions (E) Answers

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Calculate each result.

$$1. \quad 1\frac{3}{4} \div 2\frac{1}{3} = \frac{7}{4} \div \frac{7}{3} = \frac{7}{4} \times \frac{3}{7} = \frac{21}{28} = \frac{3}{4}$$

$$2. \quad 3\frac{1}{5} \times 1\frac{3}{4} = \frac{16}{5} \times \frac{7}{4} = \frac{112}{20} = \frac{28}{5} = 5\frac{3}{5}$$

$$3. \quad 2\frac{1}{2} \div 2\frac{3}{8} = \frac{5}{2} \div \frac{19}{8} = \frac{5}{2} \times \frac{8}{19} = \frac{40}{38} = \frac{20}{19} = 1\frac{1}{19}$$

$$4. \quad 2\frac{1}{7} \times 2\frac{1}{9} = \frac{15}{7} \times \frac{19}{9} = \frac{285}{63} = \frac{95}{21} = 4\frac{11}{21}$$

$$5. \quad 2\frac{2}{3} \times 2\frac{3}{8} = \frac{8}{3} \times \frac{19}{8} = \frac{152}{24} = \frac{19}{3} = 6\frac{1}{3}$$

$$6. \quad 1\frac{2}{9} \times 1\frac{5}{7} = \frac{11}{9} \times \frac{12}{7} = \frac{132}{63} = \frac{44}{21} = 2\frac{2}{21}$$

$$7. \quad 2\frac{2}{5} \times 3\frac{1}{3} = \frac{12}{5} \times \frac{10}{3} = \frac{120}{15} = 8$$

$$8. \quad 2\frac{1}{6} \div 1\frac{1}{2} = \frac{13}{6} \div \frac{3}{2} = \frac{13}{6} \times \frac{2}{3} = \frac{26}{18} = \frac{13}{9} = 1\frac{4}{9}$$

$$9. \quad 1\frac{4}{7} \div 3\frac{4}{7} = \frac{11}{7} \div \frac{25}{7} = \frac{11}{7} \times \frac{7}{25} = \frac{77}{175} = \frac{11}{25}$$

$$10. \quad 1\frac{3}{4} \div 3\frac{1}{2} = \frac{7}{4} \div \frac{7}{2} = \frac{7}{4} \times \frac{2}{7} = \frac{14}{28} = \frac{1}{2}$$