

Multiplying and Dividing Two Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $3\frac{1}{6} \times 1\frac{2}{9} =$

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

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

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

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

8. $3\frac{5}{8} \div 3\frac{8}{9} =$

9. $1\frac{1}{2} \div 3\frac{1}{3} =$

10. $1\frac{6}{7} \div 2\frac{4}{5} =$

Multiplying and Dividing Two Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{9} \times 1\frac{5}{9} = \frac{19}{9} \times \frac{14}{9} = \frac{266}{81} = 3\frac{23}{81}$$

$$2. \quad 1\frac{2}{9} \div 3\frac{1}{5} = \frac{11}{9} \div \frac{16}{5} = \frac{11}{9} \times \frac{5}{16} = \frac{55}{144}$$

$$3. \quad 3\frac{1}{6} \times 1\frac{2}{9} = \frac{19}{6} \times \frac{11}{9} = \frac{209}{54} = 3\frac{47}{54}$$

$$4. \quad 2\frac{1}{2} \div 1\frac{4}{5} = \frac{5}{2} \div \frac{9}{5} = \frac{5}{2} \times \frac{5}{9} = \frac{25}{18} = 1\frac{7}{18}$$

$$5. \quad 1\frac{5}{7} \times 3\frac{3}{5} = \frac{12}{7} \times \frac{18}{5} = \frac{216}{35} = 6\frac{6}{35}$$

$$6. \quad 2\frac{1}{2} \times 1\frac{3}{4} = \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$7. \quad 2\frac{5}{8} \times 1\frac{1}{2} = \frac{21}{8} \times \frac{3}{2} = \frac{63}{16} = 3\frac{15}{16}$$

$$8. \quad 3\frac{5}{8} \div 3\frac{8}{9} = \frac{29}{8} \div \frac{35}{9} = \frac{29}{8} \times \frac{9}{35} = \frac{261}{280}$$

$$9. \quad 1\frac{1}{2} \div 3\frac{1}{3} = \frac{3}{2} \div \frac{10}{3} = \frac{3}{2} \times \frac{3}{10} = \frac{9}{20}$$

$$10. \quad 1\frac{6}{7} \div 2\frac{4}{5} = \frac{13}{7} \div \frac{14}{5} = \frac{13}{7} \times \frac{5}{14} = \frac{65}{98}$$