

Multiplying and Dividing Two Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $2\frac{1}{6} \div 3\frac{7}{9} =$

5. $1\frac{4}{5} \times 2\frac{5}{6} =$

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

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

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

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

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

Multiplying and Dividing Two Mixed Fractions (I) Answers

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Calculate each result.

$$1. \quad 3\frac{1}{3} \times 2\frac{1}{5} = \frac{10}{3} \times \frac{11}{5} = \frac{110}{15} = \frac{22}{3} = 7\frac{1}{3}$$

$$2. \quad 2\frac{1}{5} \div 2\frac{4}{5} = \frac{11}{5} \div \frac{14}{5} = \frac{11}{5} \times \frac{5}{14} = \frac{55}{70} = \frac{11}{14}$$

$$3. \quad 2\frac{1}{6} \times 1\frac{1}{3} = \frac{13}{6} \times \frac{4}{3} = \frac{52}{18} = \frac{26}{9} = 2\frac{8}{9}$$

$$4. \quad 2\frac{1}{6} \div 3\frac{7}{9} = \frac{13}{6} \div \frac{34}{9} = \frac{13}{6} \times \frac{9}{34} = \frac{117}{204} = \frac{39}{68}$$

$$5. \quad 1\frac{4}{5} \times 2\frac{5}{6} = \frac{9}{5} \times \frac{17}{6} = \frac{153}{30} = \frac{51}{10} = 5\frac{1}{10}$$

$$6. \quad 2\frac{1}{2} \times 2\frac{3}{5} = \frac{5}{2} \times \frac{13}{5} = \frac{65}{10} = \frac{13}{2} = 6\frac{1}{2}$$

$$7. \quad 2\frac{1}{2} \times 2\frac{2}{3} = \frac{5}{2} \times \frac{8}{3} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$

$$8. \quad 3\frac{1}{2} \div 2\frac{1}{3} = \frac{7}{2} \div \frac{7}{3} = \frac{7}{2} \times \frac{3}{7} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$9. \quad 1\frac{2}{3} \div 2\frac{1}{2} = \frac{5}{3} \div \frac{5}{2} = \frac{5}{3} \times \frac{2}{5} = \frac{10}{15} = \frac{2}{3}$$

$$10. \quad 1\frac{1}{2} \div 1\frac{5}{6} = \frac{3}{2} \div \frac{11}{6} = \frac{3}{2} \times \frac{6}{11} = \frac{18}{22} = \frac{9}{11}$$