

Multiplying and Dividing Two Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $3\frac{8}{9} \div 2\frac{1}{2} =$

7. $1\frac{1}{2} \div 3\frac{5}{6} =$

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

9. $1\frac{1}{9} \times 1\frac{5}{8} =$

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

Multiplying and Dividing Two Mixed Fractions (B) Answers

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Calculate each result.

$$1. \quad 3\frac{2}{7} \div 3\frac{2}{7} = \frac{23}{7} \div \frac{23}{7} = \frac{23}{7} \times \frac{7}{23} = \frac{161}{161} = 1$$

$$2. \quad 2\frac{1}{3} \times 2\frac{2}{7} = \frac{7}{3} \times \frac{16}{7} = \frac{112}{21} = \frac{16}{3} = 5\frac{1}{3}$$

$$3. \quad 2\frac{5}{9} \div 3\frac{5}{9} = \frac{23}{9} \div \frac{32}{9} = \frac{23}{9} \times \frac{9}{32} = \frac{207}{288} = \frac{23}{32}$$

$$4. \quad 1\frac{2}{3} \times 3\frac{4}{5} = \frac{5}{3} \times \frac{19}{5} = \frac{95}{15} = \frac{19}{3} = 6\frac{1}{3}$$

$$5. \quad 1\frac{5}{7} \times 3\frac{7}{8} = \frac{12}{7} \times \frac{31}{8} = \frac{372}{56} = \frac{93}{14} = 6\frac{9}{14}$$

$$6. \quad 3\frac{8}{9} \div 2\frac{1}{2} = \frac{35}{9} \div \frac{5}{2} = \frac{35}{9} \times \frac{2}{5} = \frac{70}{45} = \frac{14}{9} = 1\frac{5}{9}$$

$$7. \quad 1\frac{1}{2} \div 3\frac{5}{6} = \frac{3}{2} \div \frac{23}{6} = \frac{3}{2} \times \frac{6}{23} = \frac{18}{46} = \frac{9}{23}$$

$$8. \quad 1\frac{2}{3} \times 1\frac{1}{2} = \frac{5}{3} \times \frac{3}{2} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$9. \quad 1\frac{1}{9} \times 1\frac{5}{8} = \frac{10}{9} \times \frac{13}{8} = \frac{130}{72} = \frac{65}{36} = 1\frac{29}{36}$$

$$10. \quad 1\frac{2}{3} \div 2\frac{1}{3} = \frac{5}{3} \div \frac{7}{3} = \frac{5}{3} \times \frac{3}{7} = \frac{15}{21} = \frac{5}{7}$$