

Multiplying and Dividing Two Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $3\frac{2}{5} \times 1\frac{4}{7} =$

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

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

7. $1\frac{4}{7} \div 3\frac{1}{8} =$

8. $1\frac{1}{4} \div 3\frac{1}{7} =$

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

10. $3\frac{1}{6} \div 2\frac{1}{5} =$

Multiplying and Dividing Two Mixed Fractions (B) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{3} \div 1\frac{1}{8} = \frac{8}{3} \div \frac{9}{8} = \frac{8}{3} \times \frac{8}{9} = \frac{64}{27} = 2\frac{10}{27}$$

$$2. \quad 2\frac{1}{4} \times 2\frac{3}{4} = \frac{9}{4} \times \frac{11}{4} = \frac{99}{16} = 6\frac{3}{16}$$

$$3. \quad 3\frac{2}{5} \times 2\frac{1}{4} = \frac{17}{5} \times \frac{9}{4} = \frac{153}{20} = 7\frac{13}{20}$$

$$4. \quad 3\frac{2}{5} \times 1\frac{4}{7} = \frac{17}{5} \times \frac{11}{7} = \frac{187}{35} = 5\frac{12}{35}$$

$$5. \quad 1\frac{1}{6} \times 3\frac{2}{3} = \frac{7}{6} \times \frac{11}{3} = \frac{77}{18} = 4\frac{5}{18}$$

$$6. \quad 3\frac{1}{2} \times 1\frac{8}{9} = \frac{7}{2} \times \frac{17}{9} = \frac{119}{18} = 6\frac{11}{18}$$

$$7. \quad 1\frac{4}{7} \div 3\frac{1}{8} = \frac{11}{7} \div \frac{25}{8} = \frac{11}{7} \times \frac{8}{25} = \frac{88}{175}$$

$$8. \quad 1\frac{1}{4} \div 3\frac{1}{7} = \frac{5}{4} \div \frac{22}{7} = \frac{5}{4} \times \frac{7}{22} = \frac{35}{88}$$

$$9. \quad 2\frac{1}{2} \div 3\frac{2}{7} = \frac{5}{2} \div \frac{23}{7} = \frac{5}{2} \times \frac{7}{23} = \frac{35}{46}$$

$$10. \quad 3\frac{1}{6} \div 2\frac{1}{5} = \frac{19}{6} \div \frac{11}{5} = \frac{19}{6} \times \frac{5}{11} = \frac{95}{66} = 1\frac{29}{66}$$