

Multiplying and Dividing Two Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Two Mixed Fractions (A) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{3} \div 3\frac{3}{7} = \frac{8}{3} \div \frac{24}{7} = \frac{8}{3} \times \frac{7}{24} = \frac{56}{72} = \frac{7}{9}$$

$$2. \quad 1\frac{1}{5} \div 2\frac{1}{7} = \frac{6}{5} \div \frac{15}{7} = \frac{6}{5} \times \frac{7}{15} = \frac{42}{75} = \frac{14}{25}$$

$$3. \quad 1\frac{1}{2} \times 1\frac{2}{9} = \frac{3}{2} \times \frac{11}{9} = \frac{33}{18} = \frac{11}{6} = 1\frac{5}{6}$$

$$4. \quad 3\frac{4}{9} \div 2\frac{1}{6} = \frac{31}{9} \div \frac{13}{6} = \frac{31}{9} \times \frac{6}{13} = \frac{186}{117} = \frac{62}{39} = 1\frac{23}{39}$$

$$5. \quad 1\frac{1}{2} \times 3\frac{5}{7} = \frac{3}{2} \times \frac{26}{7} = \frac{78}{14} = \frac{39}{7} = 5\frac{4}{7}$$

$$6. \quad 2\frac{1}{2} \div 3\frac{3}{4} = \frac{5}{2} \div \frac{15}{4} = \frac{5}{2} \times \frac{4}{15} = \frac{20}{30} = \frac{2}{3}$$

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

$$8. \quad 1\frac{1}{3} \times 2\frac{1}{2} = \frac{4}{3} \times \frac{5}{2} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

$$9. \quad 1\frac{1}{2} \times 1\frac{5}{9} = \frac{3}{2} \times \frac{14}{9} = \frac{42}{18} = \frac{7}{3} = 2\frac{1}{3}$$

$$10. \quad 2\frac{2}{3} \times 2\frac{1}{2} = \frac{8}{3} \times \frac{5}{2} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$