

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{3}{5} \div 3\frac{1}{8} =$

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

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

7. $2\frac{1}{3} \div \frac{7}{8} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

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Score: _____

Calculate each result.

$$1. \frac{5}{9} \times 2\frac{2}{5} = \frac{5}{9} \times \frac{12}{5} = \frac{60}{45} = \frac{4}{3} = 1\frac{1}{3}$$

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

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

$$4. \frac{3}{5} \div 3\frac{1}{8} = \frac{3}{5} \div \frac{25}{8} = \frac{3}{5} \times \frac{8}{25} = \frac{24}{125}$$

$$5. \frac{1}{3} \div 2\frac{3}{4} = \frac{1}{3} \div \frac{11}{4} = \frac{1}{3} \times \frac{4}{11} = \frac{4}{33}$$

$$6. \frac{5}{9} \times 3\frac{1}{2} = \frac{5}{9} \times \frac{7}{2} = \frac{35}{18} = 1\frac{17}{18}$$

$$7. 2\frac{1}{3} \div \frac{7}{8} = \frac{7}{3} \div \frac{7}{8} = \frac{7}{3} \times \frac{8}{7} = \frac{56}{21} = \frac{8}{3} = 2\frac{2}{3}$$

$$8. 3\frac{5}{8} \times \frac{7}{8} = \frac{29}{8} \times \frac{7}{8} = \frac{203}{64} = 3\frac{11}{64}$$

$$9. 2\frac{1}{7} \times \frac{2}{3} = \frac{15}{7} \times \frac{2}{3} = \frac{30}{21} = \frac{10}{7} = 1\frac{3}{7}$$

$$10. \frac{2}{3} \times 2\frac{1}{3} = \frac{2}{3} \times \frac{7}{3} = \frac{14}{9} = 1\frac{5}{9}$$