

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $\frac{7}{9} \times 3\frac{3}{4} =$

6. $1\frac{1}{5} \div \frac{4}{9} =$

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

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

9. $3\frac{2}{3} \div \frac{4}{5} =$

10. $\frac{1}{4} \div 1\frac{2}{7} =$

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

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Calculate each result.

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

$$2. \frac{2}{3} \div 2\frac{1}{2} = \frac{2}{3} \div \frac{5}{2} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$$

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

$$4. 1\frac{2}{3} \times \frac{3}{4} = \frac{5}{3} \times \frac{3}{4} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$5. \frac{7}{9} \times 3\frac{3}{4} = \frac{7}{9} \times \frac{15}{4} = \frac{105}{36} = \frac{35}{12} = 2\frac{11}{12}$$

$$6. 1\frac{1}{5} \div \frac{4}{9} = \frac{6}{5} \div \frac{4}{9} = \frac{6}{5} \times \frac{9}{4} = \frac{54}{20} = \frac{27}{10} = 2\frac{7}{10}$$

$$7. 2\frac{1}{2} \times \frac{2}{3} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. \frac{2}{3} \times 3\frac{7}{9} = \frac{2}{3} \times \frac{34}{9} = \frac{68}{27} = 2\frac{14}{27}$$

$$9. 3\frac{2}{3} \div \frac{4}{5} = \frac{11}{3} \div \frac{4}{5} = \frac{11}{3} \times \frac{5}{4} = \frac{55}{12} = 4\frac{7}{12}$$

$$10. \frac{1}{4} \div 1\frac{2}{7} = \frac{1}{4} \div \frac{9}{7} = \frac{1}{4} \times \frac{7}{9} = \frac{7}{36}$$