

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{3}{4} \div 3\frac{2}{7} =$

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

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

10. $\frac{3}{8} \times 3\frac{1}{4} =$

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

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Date: _____

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Calculate each result.

$$1. \quad 1\frac{5}{9} \div \frac{5}{8} = \frac{14}{9} \div \frac{5}{8} = \frac{14}{9} \times \frac{8}{5} = \frac{112}{45} = 2\frac{22}{45}$$

$$2. \quad 3\frac{5}{9} \times \frac{1}{9} = \frac{32}{9} \times \frac{1}{9} = \frac{32}{81}$$

$$3. \quad \frac{1}{3} \times 2\frac{1}{5} = \frac{1}{3} \times \frac{11}{5} = \frac{11}{15}$$

$$4. \quad \frac{2}{3} \div 1\frac{1}{4} = \frac{2}{3} \div \frac{5}{4} = \frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$$

$$5. \quad 1\frac{3}{5} \div \frac{1}{2} = \frac{8}{5} \div \frac{1}{2} = \frac{8}{5} \times \frac{2}{1} = \frac{16}{5} = 3\frac{1}{5}$$

$$6. \quad 2\frac{1}{3} \times \frac{2}{3} = \frac{7}{3} \times \frac{2}{3} = \frac{14}{9} = 1\frac{5}{9}$$

$$7. \quad \frac{3}{4} \div 3\frac{2}{7} = \frac{3}{4} \div \frac{23}{7} = \frac{3}{4} \times \frac{7}{23} = \frac{21}{92}$$

$$8. \quad 1\frac{1}{3} \div \frac{3}{5} = \frac{4}{3} \div \frac{3}{5} = \frac{4}{3} \times \frac{5}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$9. \quad 2\frac{1}{5} \times \frac{1}{2} = \frac{11}{5} \times \frac{1}{2} = \frac{11}{10} = 1\frac{1}{10}$$

$$10. \quad \frac{3}{8} \times 3\frac{1}{4} = \frac{3}{8} \times \frac{13}{4} = \frac{39}{32} = 1\frac{7}{32}$$