

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3\frac{1}{4} \div \frac{7}{9} =$

3. $1\frac{6}{7} \times \frac{3}{8} =$

4. $3\frac{1}{3} \times \frac{4}{9} =$

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

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

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

8. $3\frac{2}{3} \div \frac{6}{7} =$

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{5} \div \frac{5}{6} = \frac{11}{5} \div \frac{5}{6} = \frac{11}{5} \times \frac{6}{5} = \frac{66}{25} = 2\frac{16}{25}$$

$$2. \quad 3\frac{1}{4} \div \frac{7}{9} = \frac{13}{4} \div \frac{7}{9} = \frac{13}{4} \times \frac{9}{7} = \frac{117}{28} = 4\frac{5}{28}$$

$$3. \quad 1\frac{6}{7} \times \frac{3}{8} = \frac{13}{7} \times \frac{3}{8} = \frac{39}{56}$$

$$4. \quad 3\frac{1}{3} \times \frac{4}{9} = \frac{10}{3} \times \frac{4}{9} = \frac{40}{27} = 1\frac{13}{27}$$

$$5. \quad \frac{2}{9} \times 3\frac{1}{5} = \frac{2}{9} \times \frac{16}{5} = \frac{32}{45}$$

$$6. \quad \frac{2}{3} \times 3\frac{4}{5} = \frac{2}{3} \times \frac{19}{5} = \frac{38}{15} = 2\frac{8}{15}$$

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

$$8. \quad 3\frac{2}{3} \div \frac{6}{7} = \frac{11}{3} \div \frac{6}{7} = \frac{11}{3} \times \frac{7}{6} = \frac{77}{18} = 4\frac{5}{18}$$

$$9. \quad \frac{3}{4} \div 2\frac{2}{3} = \frac{3}{4} \div \frac{8}{3} = \frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$$

$$10. \quad \frac{5}{9} \div 3\frac{1}{2} = \frac{5}{9} \div \frac{7}{2} = \frac{5}{9} \times \frac{2}{7} = \frac{10}{63}$$