

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $5\frac{2}{9} \div 3\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $1\frac{1}{5} \div 1\frac{3}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $4\frac{8}{9} \div 1\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $4\frac{2}{5} \div 5\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $1\frac{1}{2} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $4\frac{1}{5} \div 5\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10. $2\frac{4}{5} \div 4\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (D) Answers

Name: _____

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Calculate each quotient.

$$1. \quad 5\frac{1}{9} \div 3\frac{2}{3} = \frac{46}{9} \div \frac{11}{3} = \frac{46}{9} \times \frac{3}{11} = \frac{138}{99} = \frac{46}{33} = 1\frac{13}{33}$$

$$2. \quad 5\frac{2}{9} \div 3\frac{7}{9} = \frac{47}{9} \div \frac{34}{9} = \frac{47}{9} \times \frac{9}{34} = \frac{423}{306} = \frac{47}{34} = 1\frac{13}{34}$$

$$3. \quad 2\frac{1}{8} \div 3\frac{1}{2} = \frac{17}{8} \div \frac{7}{2} = \frac{17}{8} \times \frac{2}{7} = \frac{34}{56} = \frac{17}{28}$$

$$4. \quad 1\frac{1}{5} \div 1\frac{3}{7} = \frac{6}{5} \div \frac{10}{7} = \frac{6}{5} \times \frac{7}{10} = \frac{42}{50} = \frac{21}{25}$$

$$5. \quad 4\frac{8}{9} \div 1\frac{3}{8} = \frac{44}{9} \div \frac{11}{8} = \frac{44}{9} \times \frac{8}{11} = \frac{352}{99} = \frac{32}{9} = 3\frac{5}{9}$$

$$6. \quad 4\frac{2}{5} \div 5\frac{5}{9} = \frac{22}{5} \div \frac{50}{9} = \frac{22}{5} \times \frac{9}{50} = \frac{198}{250} = \frac{99}{125}$$

$$7. \quad 1\frac{1}{2} \div 2\frac{1}{4} = \frac{3}{2} \div \frac{9}{4} = \frac{3}{2} \times \frac{4}{9} = \frac{12}{18} = \frac{2}{3}$$

$$8. \quad 4\frac{1}{5} \div 5\frac{1}{4} = \frac{21}{5} \div \frac{21}{4} = \frac{21}{5} \times \frac{4}{21} = \frac{84}{105} = \frac{4}{5}$$

$$9. \quad 3\frac{3}{7} \div 4\frac{1}{2} = \frac{24}{7} \div \frac{9}{2} = \frac{24}{7} \times \frac{2}{9} = \frac{48}{63} = \frac{16}{21}$$

$$10. \quad 2\frac{4}{5} \div 4\frac{4}{7} = \frac{14}{5} \div \frac{32}{7} = \frac{14}{5} \times \frac{7}{32} = \frac{98}{160} = \frac{49}{80}$$