

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $4\frac{1}{4} \div 1\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

3. $5\frac{1}{9} \div 4\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5. $3\frac{3}{7} \div 1\frac{2}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $5\frac{3}{7} \div 2\frac{1}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

10. $4\frac{1}{4} \div 5\frac{4}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Dividing Fractions (D) Answers

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Calculate each quotient.

$$1. \quad 4\frac{1}{4} \div 1\frac{5}{7} = \frac{17}{4} \div \frac{12}{7} = \frac{17}{4} \times \frac{7}{12} = \frac{119}{48} = 2\frac{23}{48}$$

$$2. \quad 4\frac{8}{9} \div 5\frac{1}{4} = \frac{44}{9} \div \frac{21}{4} = \frac{44}{9} \times \frac{4}{21} = \frac{176}{189}$$

$$3. \quad 5\frac{1}{9} \div 4\frac{7}{8} = \frac{46}{9} \div \frac{39}{8} = \frac{46}{9} \times \frac{8}{39} = \frac{368}{351} = 1\frac{17}{351}$$

$$4. \quad 5\frac{3}{5} \div 2\frac{1}{9} = \frac{28}{5} \div \frac{19}{9} = \frac{28}{5} \times \frac{9}{19} = \frac{252}{95} = 2\frac{62}{95}$$

$$5. \quad 3\frac{3}{7} \div 1\frac{2}{5} = \frac{24}{7} \div \frac{7}{5} = \frac{24}{7} \times \frac{5}{7} = \frac{120}{49} = 2\frac{22}{49}$$

$$6. \quad 1\frac{6}{7} \div 1\frac{1}{3} = \frac{13}{7} \div \frac{4}{3} = \frac{13}{7} \times \frac{3}{4} = \frac{39}{28} = 1\frac{11}{28}$$

$$7. \quad 5\frac{3}{7} \div 2\frac{1}{5} = \frac{38}{7} \div \frac{11}{5} = \frac{38}{7} \times \frac{5}{11} = \frac{190}{77} = 2\frac{36}{77}$$

$$8. \quad 2\frac{1}{2} \div 1\frac{2}{5} = \frac{5}{2} \div \frac{7}{5} = \frac{5}{2} \times \frac{5}{7} = \frac{25}{14} = 1\frac{11}{14}$$

$$9. \quad 4\frac{1}{2} \div 3\frac{5}{9} = \frac{9}{2} \div \frac{32}{9} = \frac{9}{2} \times \frac{9}{32} = \frac{81}{64} = 1\frac{17}{64}$$

$$10. \quad 4\frac{1}{4} \div 5\frac{4}{9} = \frac{17}{4} \div \frac{49}{9} = \frac{17}{4} \times \frac{9}{49} = \frac{153}{196}$$