

Dividing Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $3\frac{1}{9} \div 3\frac{3}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $1\frac{1}{2} \div 2\frac{5}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5. $2\frac{4}{9} \div 5\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $5\frac{1}{3} \div 3\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $5\frac{5}{7} \div 2\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $5\frac{7}{9} \div 2\frac{4}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10. $4\frac{2}{9} \div 5\frac{1}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Dividing Fractions (C) Answers

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Calculate each quotient.

$$1. \quad 5\frac{5}{9} \div 3\frac{1}{3} = \frac{50}{9} \div \frac{10}{3} = \frac{50}{9} \times \frac{3}{10} = \frac{150}{90} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \quad 3\frac{1}{9} \div 3\frac{3}{7} = \frac{28}{9} \div \frac{24}{7} = \frac{28}{9} \times \frac{7}{24} = \frac{196}{216} = \frac{49}{54}$$

$$3. \quad 1\frac{1}{2} \div 2\frac{5}{6} = \frac{3}{2} \div \frac{17}{6} = \frac{3}{2} \times \frac{6}{17} = \frac{18}{34} = \frac{9}{17}$$

$$4. \quad 3\frac{1}{4} \div 3\frac{3}{4} = \frac{13}{4} \div \frac{15}{4} = \frac{13}{4} \times \frac{4}{15} = \frac{52}{60} = \frac{13}{15}$$

$$5. \quad 2\frac{4}{9} \div 5\frac{5}{7} = \frac{22}{9} \div \frac{40}{7} = \frac{22}{9} \times \frac{7}{40} = \frac{154}{360} = \frac{77}{180}$$

$$6. \quad 5\frac{1}{3} \div 3\frac{2}{3} = \frac{16}{3} \div \frac{11}{3} = \frac{16}{3} \times \frac{3}{11} = \frac{48}{33} = \frac{16}{11} = 1\frac{5}{11}$$

$$7. \quad 5\frac{5}{7} \div 2\frac{4}{5} = \frac{40}{7} \div \frac{14}{5} = \frac{40}{7} \times \frac{5}{14} = \frac{200}{98} = \frac{100}{49} = 2\frac{2}{49}$$

$$8. \quad 5\frac{7}{9} \div 2\frac{4}{9} = \frac{52}{9} \div \frac{22}{9} = \frac{52}{9} \times \frac{9}{22} = \frac{468}{198} = \frac{26}{11} = 2\frac{4}{11}$$

$$9. \quad 4\frac{3}{8} \div 1\frac{2}{3} = \frac{35}{8} \div \frac{5}{3} = \frac{35}{8} \times \frac{3}{5} = \frac{105}{40} = \frac{21}{8} = 2\frac{5}{8}$$

$$10. \quad 4\frac{2}{9} \div 5\frac{1}{9} = \frac{38}{9} \div \frac{46}{9} = \frac{38}{9} \times \frac{9}{46} = \frac{342}{414} = \frac{19}{23}$$