

Dividing Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $3\frac{3}{4} \div 4\frac{5}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $5\frac{5}{6} \div 4\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

10. $5\frac{5}{6} \div 3\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Dividing Fractions (G) Answers

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Calculate each quotient.

$$1. \quad 5\frac{1}{5} \div 1\frac{3}{7} = \frac{26}{5} \div \frac{10}{7} = \frac{26}{5} \times \frac{7}{10} = \frac{182}{50} = \frac{91}{25} = 3\frac{16}{25}$$

$$2. \quad 5\frac{7}{9} \div 2\frac{2}{5} = \frac{52}{9} \div \frac{12}{5} = \frac{52}{9} \times \frac{5}{12} = \frac{260}{108} = \frac{65}{27} = 2\frac{11}{27}$$

$$3. \quad 2\frac{3}{4} \div 5\frac{1}{2} = \frac{11}{4} \div \frac{11}{2} = \frac{11}{4} \times \frac{2}{11} = \frac{22}{44} = \frac{1}{2}$$

$$4. \quad 3\frac{2}{3} \div 1\frac{4}{9} = \frac{11}{3} \div \frac{13}{9} = \frac{11}{3} \times \frac{9}{13} = \frac{99}{39} = \frac{33}{13} = 2\frac{7}{13}$$

$$5. \quad 3\frac{3}{4} \div 4\frac{5}{6} = \frac{15}{4} \div \frac{29}{6} = \frac{15}{4} \times \frac{6}{29} = \frac{90}{116} = \frac{45}{58}$$

$$6. \quad 5\frac{1}{5} \div 5\frac{3}{5} = \frac{26}{5} \div \frac{28}{5} = \frac{26}{5} \times \frac{5}{28} = \frac{130}{140} = \frac{13}{14}$$

$$7. \quad 5\frac{5}{6} \div 4\frac{1}{6} = \frac{35}{6} \div \frac{25}{6} = \frac{35}{6} \times \frac{6}{25} = \frac{210}{150} = \frac{7}{5} = 1\frac{2}{5}$$

$$8. \quad 1\frac{8}{9} \div 3\frac{7}{9} = \frac{17}{9} \div \frac{34}{9} = \frac{17}{9} \times \frac{9}{34} = \frac{153}{306} = \frac{1}{2}$$

$$9. \quad 3\frac{1}{2} \div 5\frac{3}{4} = \frac{7}{2} \div \frac{23}{4} = \frac{7}{2} \times \frac{4}{23} = \frac{28}{46} = \frac{14}{23}$$

$$10. \quad 5\frac{5}{6} \div 3\frac{1}{4} = \frac{35}{6} \div \frac{13}{4} = \frac{35}{6} \times \frac{4}{13} = \frac{140}{78} = \frac{70}{39} = 1\frac{31}{39}$$