

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $3\frac{4}{7} \div 1\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4. $5\frac{3}{7} \div 4\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $3\frac{1}{8} \div 4\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $4\frac{1}{5} \div 2\frac{3}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9. $5\frac{5}{8} \div 3\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $4\frac{3}{8} \div 3\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 3\frac{4}{7} \div 1\frac{2}{3} = \frac{25}{7} \div \frac{5}{3} = \frac{25}{7} \times \frac{3}{5} = \frac{75}{35} = \frac{15}{7} = 2\frac{1}{7}$$

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

$$3. \quad 4\frac{2}{3} \div 4\frac{2}{5} = \frac{14}{3} \div \frac{22}{5} = \frac{14}{3} \times \frac{5}{22} = \frac{70}{66} = \frac{35}{33} = 1\frac{2}{33}$$

$$4. \quad 5\frac{3}{7} \div 4\frac{2}{3} = \frac{38}{7} \div \frac{14}{3} = \frac{38}{7} \times \frac{3}{14} = \frac{114}{98} = \frac{57}{49} = 1\frac{8}{49}$$

$$5. \quad 4\frac{3}{8} \div 4\frac{3}{4} = \frac{35}{8} \div \frac{19}{4} = \frac{35}{8} \times \frac{4}{19} = \frac{140}{152} = \frac{35}{38}$$

$$6. \quad 3\frac{1}{8} \div 4\frac{1}{4} = \frac{25}{8} \div \frac{17}{4} = \frac{25}{8} \times \frac{4}{17} = \frac{100}{136} = \frac{25}{34}$$

$$7. \quad 4\frac{1}{5} \div 2\frac{3}{5} = \frac{21}{5} \div \frac{13}{5} = \frac{21}{5} \times \frac{5}{13} = \frac{105}{65} = \frac{21}{13} = 1\frac{8}{13}$$

$$8. \quad 1\frac{1}{4} \div 4\frac{3}{8} = \frac{5}{4} \div \frac{35}{8} = \frac{5}{4} \times \frac{8}{35} = \frac{40}{140} = \frac{2}{7}$$

$$9. \quad 5\frac{5}{8} \div 3\frac{1}{6} = \frac{45}{8} \div \frac{19}{6} = \frac{45}{8} \times \frac{6}{19} = \frac{270}{152} = \frac{135}{76} = 1\frac{59}{76}$$

$$10. \quad 4\frac{3}{8} \div 3\frac{1}{6} = \frac{35}{8} \div \frac{19}{6} = \frac{35}{8} \times \frac{6}{19} = \frac{210}{152} = \frac{105}{76} = 1\frac{29}{76}$$