

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $2\frac{3}{7} \div 1\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3. $5\frac{2}{3} \div 3\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $1\frac{2}{7} \div 3\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

6. $3\frac{1}{2} \div 4\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

9. $4\frac{1}{3} \div 5\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $2\frac{5}{6} \div 4\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 2\frac{3}{7} \div 1\frac{1}{5} = \frac{17}{7} \div \frac{6}{5} = \frac{17}{7} \times \frac{5}{6} = \frac{85}{42} = 2\frac{1}{42}$$

$$2. \quad 3\frac{1}{3} \div 1\frac{1}{2} = \frac{10}{3} \div \frac{3}{2} = \frac{10}{3} \times \frac{2}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$3. \quad 5\frac{2}{3} \div 3\frac{1}{8} = \frac{17}{3} \div \frac{25}{8} = \frac{17}{3} \times \frac{8}{25} = \frac{136}{75} = 1\frac{61}{75}$$

$$4. \quad 1\frac{2}{7} \div 3\frac{8}{9} = \frac{9}{7} \div \frac{35}{9} = \frac{9}{7} \times \frac{9}{35} = \frac{81}{245}$$

$$5. \quad 5\frac{1}{3} \div 1\frac{1}{2} = \frac{16}{3} \div \frac{3}{2} = \frac{16}{3} \times \frac{2}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$6. \quad 3\frac{1}{2} \div 4\frac{3}{5} = \frac{7}{2} \div \frac{23}{5} = \frac{7}{2} \times \frac{5}{23} = \frac{35}{46}$$

$$7. \quad 3\frac{1}{2} \div 4\frac{4}{9} = \frac{7}{2} \div \frac{40}{9} = \frac{7}{2} \times \frac{9}{40} = \frac{63}{80}$$

$$8. \quad 4\frac{4}{5} \div 1\frac{1}{4} = \frac{24}{5} \div \frac{5}{4} = \frac{24}{5} \times \frac{4}{5} = \frac{96}{25} = 3\frac{21}{25}$$

$$9. \quad 4\frac{1}{3} \div 5\frac{1}{2} = \frac{13}{3} \div \frac{11}{2} = \frac{13}{3} \times \frac{2}{11} = \frac{26}{33}$$

$$10. \quad 2\frac{5}{6} \div 4\frac{4}{5} = \frac{17}{6} \div \frac{24}{5} = \frac{17}{6} \times \frac{5}{24} = \frac{85}{144}$$