

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $3\frac{2}{7} \div 1\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $2\frac{6}{7} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $4\frac{5}{7} \div 5\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

9. $5\frac{1}{7} \div 1\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $1\frac{8}{9} \div 4\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad 2\frac{2}{7} \div 1\frac{1}{2} = \frac{16}{7} \div \frac{3}{2} = \frac{16}{7} \times \frac{2}{3} = \frac{32}{21} = 1\frac{11}{21}$$

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

$$3. \quad 3\frac{2}{7} \div 1\frac{1}{6} = \frac{23}{7} \div \frac{7}{6} = \frac{23}{7} \times \frac{6}{7} = \frac{138}{49} = 2\frac{40}{49}$$

$$4. \quad 2\frac{6}{7} \div 2\frac{1}{4} = \frac{20}{7} \div \frac{9}{4} = \frac{20}{7} \times \frac{4}{9} = \frac{80}{63} = 1\frac{17}{63}$$

$$5. \quad 2\frac{1}{3} \div 4\frac{1}{2} = \frac{7}{3} \div \frac{9}{2} = \frac{7}{3} \times \frac{2}{9} = \frac{14}{27}$$

$$6. \quad 3\frac{1}{3} \div 4\frac{1}{2} = \frac{10}{3} \div \frac{9}{2} = \frac{10}{3} \times \frac{2}{9} = \frac{20}{27}$$

$$7. \quad 4\frac{5}{7} \div 5\frac{3}{4} = \frac{33}{7} \div \frac{23}{4} = \frac{33}{7} \times \frac{4}{23} = \frac{132}{161}$$

$$8. \quad 3\frac{2}{5} \div 1\frac{2}{3} = \frac{17}{5} \div \frac{5}{3} = \frac{17}{5} \times \frac{3}{5} = \frac{51}{25} = 2\frac{1}{25}$$

$$9. \quad 5\frac{1}{7} \div 1\frac{2}{3} = \frac{36}{7} \div \frac{5}{3} = \frac{36}{7} \times \frac{3}{5} = \frac{108}{35} = 3\frac{3}{35}$$

$$10. \quad 1\frac{8}{9} \div 4\frac{1}{8} = \frac{17}{9} \div \frac{33}{8} = \frac{17}{9} \times \frac{8}{33} = \frac{136}{297}$$