

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{11}{4} \div \frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $2\frac{1}{8} \div 2\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $3\frac{8}{9} \div \frac{28}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

5. $\frac{29}{9} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

9. $\frac{15}{8} \div \frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad \frac{11}{4} \div \frac{3}{4} = \frac{11}{4} \times \frac{4}{3} = \frac{44}{12} = \frac{11}{3} = 3\frac{2}{3}$$

$$2. \quad 2\frac{1}{8} \div 2\frac{5}{6} = \frac{17}{8} \div \frac{17}{6} = \frac{17}{8} \times \frac{6}{17} = \frac{102}{136} = \frac{3}{4}$$

$$3. \quad 3\frac{8}{9} \div \frac{28}{9} = \frac{35}{9} \div \frac{28}{9} = \frac{35}{9} \times \frac{9}{28} = \frac{315}{252} = \frac{5}{4} = 1\frac{1}{4}$$

$$4. \quad \frac{5}{6} \div 1\frac{1}{2} = \frac{5}{6} \div \frac{3}{2} = \frac{5}{6} \times \frac{2}{3} = \frac{10}{18} = \frac{5}{9}$$

$$5. \quad \frac{29}{9} \div 2\frac{1}{3} = \frac{29}{9} \div \frac{7}{3} = \frac{29}{9} \times \frac{3}{7} = \frac{87}{63} = \frac{29}{21} = 1\frac{8}{21}$$

$$6. \quad \frac{4}{9} \div \frac{2}{7} = \frac{4}{9} \div \frac{2}{7} = \frac{4}{9} \times \frac{7}{2} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$7. \quad \frac{7}{3} \div 1\frac{3}{4} = \frac{7}{3} \div \frac{7}{4} = \frac{7}{3} \times \frac{4}{7} = \frac{28}{21} = \frac{4}{3} = 1\frac{1}{3}$$

$$8. \quad 2\frac{1}{2} \div 1\frac{1}{2} = \frac{5}{2} \div \frac{3}{2} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad \frac{15}{8} \div \frac{3}{5} = \frac{15}{8} \times \frac{5}{3} = \frac{75}{24} = \frac{25}{8} = 3\frac{1}{8}$$

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