

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $4 \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

8. $2\frac{2}{3} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10. $4 \div 3\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Dividing Fractions (F) Answers

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Calculate each quotient.

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

$$2. \quad 1\frac{7}{9} \div 2 = \frac{16}{9} \div \frac{2}{1} = \frac{16}{9} \times \frac{1}{2} = \frac{16}{18} = \frac{8}{9}$$

$$3. \quad 2 \div 3\frac{1}{7} = \frac{2}{1} \div \frac{22}{7} = \frac{2}{1} \times \frac{7}{22} = \frac{14}{22} = \frac{7}{11}$$

$$4. \quad 2 \div 3\frac{1}{5} = \frac{2}{1} \div \frac{16}{5} = \frac{2}{1} \times \frac{5}{16} = \frac{10}{16} = \frac{5}{8}$$

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

$$6. \quad 4 \div 1\frac{7}{9} = \frac{4}{1} \div \frac{16}{9} = \frac{4}{1} \times \frac{9}{16} = \frac{36}{16} = \frac{9}{4} = 2\frac{1}{4}$$

$$7. \quad 2\frac{2}{3} \div 2 = \frac{8}{3} \div \frac{2}{1} = \frac{8}{3} \times \frac{1}{2} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$8. \quad 2\frac{2}{3} \div 6 = \frac{8}{3} \div \frac{6}{1} = \frac{8}{3} \times \frac{1}{6} = \frac{8}{18} = \frac{4}{9}$$

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

$$10. \quad 4 \div 3\frac{1}{3} = \frac{4}{1} \div \frac{10}{3} = \frac{4}{1} \times \frac{3}{10} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$