

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $8 \div 3\frac{4}{9} =$

2. $2\frac{1}{4} \div 2 =$

3. $2\frac{5}{7} \div 7 =$

4. $4 \div 2\frac{1}{5} =$

5. $1\frac{1}{2} \div 8 =$

6. $6 \div 1\frac{1}{3} =$

7. $3 \div 1\frac{5}{7} =$

8. $1\frac{1}{2} \div 2 =$

9. $2 \div 2\frac{1}{3} =$

10. $2\frac{4}{7} \div 3 =$

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad 8 \div 3\frac{4}{9} = \frac{8}{1} \div \frac{31}{9} = \frac{8}{1} \times \frac{9}{31} = \frac{72}{31} = 2\frac{10}{31}$$

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

$$3. \quad 2\frac{5}{7} \div 7 = \frac{19}{7} \div \frac{7}{1} = \frac{19}{7} \times \frac{1}{7} = \frac{19}{49}$$

$$4. \quad 4 \div 2\frac{1}{5} = \frac{4}{1} \div \frac{11}{5} = \frac{4}{1} \times \frac{5}{11} = \frac{20}{11} = 1\frac{9}{11}$$

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

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

$$7. \quad 3 \div 1\frac{5}{7} = \frac{3}{1} \div \frac{12}{7} = \frac{3}{1} \times \frac{7}{12} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

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

$$9. \quad 2 \div 2\frac{1}{3} = \frac{2}{1} \div \frac{7}{3} = \frac{2}{1} \times \frac{3}{7} = \frac{6}{7}$$

$$10. \quad 2\frac{4}{7} \div 3 = \frac{18}{7} \div \frac{3}{1} = \frac{18}{7} \times \frac{1}{3} = \frac{18}{21} = \frac{6}{7}$$