

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{1}{4} \div 3\frac{1}{6} =$

2. $\frac{1}{6} \div 2\frac{1}{2} =$

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

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

5. $\frac{5}{8} \div 3\frac{3}{4} =$

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

7. $\frac{2}{3} \div 2\frac{4}{5} =$

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

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

10. $\frac{2}{5} \div 3\frac{1}{3} =$

Dividing Fractions (F) Answers

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Score: _____

Calculate each quotient.

$$1. \quad \frac{1}{4} \div 3\frac{1}{6} = \frac{1}{4} \div \frac{19}{6} = \frac{1}{4} \times \frac{6}{19} = \frac{6}{76} = \frac{3}{38}$$

$$2. \quad \frac{1}{6} \div 2\frac{1}{2} = \frac{1}{6} \div \frac{5}{2} = \frac{1}{6} \times \frac{2}{5} = \frac{2}{30} = \frac{1}{15}$$

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

$$4. \quad \frac{4}{5} \div 2\frac{1}{2} = \frac{4}{5} \div \frac{5}{2} = \frac{4}{5} \times \frac{2}{5} = \frac{8}{25}$$

$$5. \quad \frac{5}{8} \div 3\frac{3}{4} = \frac{5}{8} \div \frac{15}{4} = \frac{5}{8} \times \frac{4}{15} = \frac{20}{120} = \frac{1}{6}$$

$$6. \quad \frac{1}{2} \div 2\frac{1}{8} = \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

$$7. \quad \frac{2}{3} \div 2\frac{4}{5} = \frac{2}{3} \div \frac{14}{5} = \frac{2}{3} \times \frac{5}{14} = \frac{10}{42} = \frac{5}{21}$$

$$8. \quad \frac{2}{3} \div 3\frac{1}{3} = \frac{2}{3} \div \frac{10}{3} = \frac{2}{3} \times \frac{3}{10} = \frac{6}{30} = \frac{1}{5}$$

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

$$10. \quad \frac{2}{5} \div 3\frac{1}{3} = \frac{2}{5} \div \frac{10}{3} = \frac{2}{5} \times \frac{3}{10} = \frac{6}{50} = \frac{3}{25}$$