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## **Practice Dividing Fractions**

Please divide the following fractions and write their quotient. Please simplify or rewrite as a mixed number or whole number if needed.

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

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

3.  $\frac{7}{8} \div \frac{1}{4} =$

4.  $\frac{9}{10} \div \frac{1}{5} =$

5.  $\frac{6}{7} \div \frac{2}{6} =$

6.  $\frac{8}{9} \div \frac{3}{18} =$

7.  $\frac{12}{5} \div \frac{1}{5} =$

$$8. \quad \frac{10}{9} \div \frac{2}{3} =$$

$$9. \quad \frac{20}{7} \div \frac{10}{7} =$$

$$10. \quad \frac{12}{8} \div \frac{3}{4} =$$

$$11. \quad \frac{110}{5} \div \frac{7}{5} =$$

$$12. \quad \frac{14}{5} \div 2\frac{1}{3} =$$

$$13. \quad 9\frac{1}{3} \div 3\frac{2}{3} =$$

$$14. \quad 2\frac{7}{24} \div 1\frac{1}{8} =$$

$$15. \quad 4\frac{5}{6} \div 9\frac{2}{3} =$$

Please solve the following word problems using fraction division.

**16.** A particular turtle always travels at the rate of  $\frac{3}{4}$  of a mile per hour. If he needed to reach his home, how long would it take him to get there if he started at a point that was  $2\frac{1}{4}$  miles away?

**17.** Mary has  $12\frac{1}{2}$  feet of string. To tie up her packages, she needs to cut pieces that are  $1\frac{1}{8}$  feet long. If she uses all of the string, how many packages can she tie up and what portion of a full piece of string will remain?