

### **Divide the Fractions and Reduce to Lowest Terms**

Find the reciprocal of the fraction, multiply then simplify. The first one is done for you:

$$\frac{3}{4} \div \frac{4}{5} = \frac{3}{4} \times \frac{5}{4} = \frac{15}{16} = \frac{15}{16}$$

*(We don't need to simplify this fraction 15/16 is the lowest term.)*

The reciprocal of 4/5 is 5/4. When you can multiply fractions, it's easy to divide fractions!

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

2)  $\frac{3}{4} \div \frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

3)  $\frac{2}{3} \div \frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

4)  $\frac{4}{5} \div \frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

5)  $\frac{7}{10} \div \frac{1}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

6)  $\frac{2}{4} \div \frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

7)  $\frac{4}{8} \div \frac{1}{12} = \text{---} \times \text{---} = \text{---} = \text{---}$

8)  $\frac{3}{10} \div \frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

9)  $\frac{4}{5} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10)  $\frac{7}{12} \div \frac{7}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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