

Multiplying & Dividing Fractions

1. Find the following. Write your final answer in **lowest terms**.

a. $\frac{3}{7} \times \frac{28}{33} = \frac{\boxed{}}{\boxed{}}$

c. $\frac{48}{55} \times \frac{5}{12} = \frac{\boxed{}}{\boxed{}}$

b. $\frac{8}{21} \div \frac{4}{7} = \frac{\boxed{}}{\boxed{}}$

d. $\frac{8}{75} \div \frac{4}{15} = \frac{\boxed{}}{\boxed{}}$

2. Rewrite the question after changing $\div$ to $\times$. Then work out the product.

Remember to write your final answer in **lowest terms**.

a. $\frac{8}{9} \times \frac{3}{15} \div \frac{2}{5}$

$$\frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

b. $\frac{7}{24} \div \frac{5}{8} \times \frac{3}{4}$

$$\frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

c. $\frac{3}{10} \times \frac{8}{9} \div \frac{5}{12}$

$$\frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

d. $\frac{10}{21} \div \frac{9}{14} \times \frac{15}{16}$

$$\frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} \times \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$