Multiplying & Dividing Fractions

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

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

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

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

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

2. Rewrite the question after changing ÷ to ×. Then work out the product. Remember to write your final answer in lowest terms.

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

$\frac{\square}{\square} \times \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$

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

$\frac{\square}{\square} \times \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$

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

$\frac{\square}{\square} \times \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$

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

$\frac{\square}{\square} \times \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$