Find the product and express answers in lowest terms.

1. $\frac{5}{4}⋅\frac{2}{6}=$\_\_\_\_ b. $\frac{7}{3}⋅\frac{3}{5}=$\_\_\_\_ c. $\frac{10}{7}⋅\frac{14}{5}=$\_\_\_\_ d. $\frac{1}{5}⋅\frac{2}{1}=$\_\_\_\_

 e. $\frac{4}{6}⋅\frac{5}{2}⋅\frac{7}{10}=$\_\_\_\_ f. $\frac{8}{2}⋅\frac{7}{16}⋅\frac{2}{3}=$\_\_\_\_ g. $\frac{2}{7}⋅\frac{6}{4}⋅\frac{5}{10}=$\_\_\_\_

 h. $\frac{12}{4}⋅\frac{12}{6}⋅\frac{6}{2}⋅\frac{6}{3}=$\_\_\_\_ i. $\frac{1}{4}⋅\frac{4}{2}⋅\frac{2}{3}⋅\frac{3}{5}=$\_\_\_\_ j. $\frac{10}{8}⋅\frac{6}{4}⋅\frac{2}{1}⋅\frac{4}{6}⋅\frac{8}{10}=$\_\_\_\_

Model the product.

1. $\frac{3}{7}⋅\frac{4}{6}=$\_\_\_\_ b. $\frac{5}{10}⋅\frac{8}{2}=$\_\_\_\_ c. $\frac{9}{3}⋅\frac{2}{5}=$\_\_\_\_

Answer the word problems.

1. Find the product of $\frac{4}{5}⋅\frac{6}{7}⋅\frac{8}{9}$ and explain why the answer is not greater than one.
2. You are making cookies, but instead of using 2 cups of flour, you will decrease the required cups of flour by $\frac{1}{4}$. How much less flour are you using than the intended amount?