1. You are going to Taco Bell for dinner to get tacos. You can either get a crunchy taco or a soft taco. You can get either ground beef, chicken, or fish. Create a tree diagram. Find all possible outcomes. List them. What is the probability of getting a tacos with ground beef?

2. Francisco is arranging flowers. He can use a vase or a flower pot.

He can use yellow flowers or red flowers. He can use carnations, roses,

or mums. Create a tree diagram. How many possible outcomes are

there? List them. What is the probability that Francisco will have red flowers?

3. Your older brother is making your lunch. He will give you a turkey or ham sandwich, for snack the choices are chips, goldfish or cookies and drink choices are milk or water. Create a tree diagram. How many possible outcomes are there? List them. What is the probability you will have cookies in your lunch?

4. There are 3 flavor drinks in the cooler, cola, grape and sprite. If the probability of getting cola is $\frac{2}{5}$ and the probability of getting grape is $\frac{8}{25}$, what is the probabilty of getting a sprite?

5. There are four types of cookies; chocolate chip, sugar, peanut butter and oatmeal. The probability of chocolate chip is $\frac{13}{20}$ , oatmeal is $\frac{1}{20}$ , sugar is $\frac{1}{5}$ , what is the probability of getting a peanut butter cookie? Which cookie are you most likely to get? Why?