Problem of the Week
Problem A
Breakfast Food

For breakfast, Liz always has a drink, some yogurt, and toast. She likes to drink milk, water, or juice. She likes strawberry, blueberry, raspberry, or vanilla yogurt. She likes whole grain or pumpernickel toast. Liz would like a different combination of a drink, yogurt, and toast every day.

A) List all the different breakfast combinations she could have where she does not drink juice.

B) What is the maximum number of days that will pass before she will have to eat and drink exactly the same combination as a previous breakfast?