

Name: _____

Probability of Complementary Event

Exercise 1: Your mother just filled the pantry with lots of cans of yummy vegetables. She bought 20 cans of corn, 24 cans of green beans, 10 cans of peas, and 8 cans of carrots. You're supposed to randomly select a can of vegetables for dinner tonight.

1. What is the probability that you will pick corn, green beans, peas, or carrots?
2. What is the probability of picking peas for dinner tonight?
3. What is the probability of not picking peas for dinner tonight?

Exercise 2: Twenty-six cards are labeled, each with a letter of the alphabet. What is the probability of not choosing a vowel?

Exercise 3: Sports analysts say that a University has a 40% chance of winning the basketball tournament. What is the probability that this university will not win the tournament?

Exercise 4: Weather forecasters are predicting a 60% chance of rain for tomorrow. What is the probability that there won't be any rain?