

# PROBABILITY OF INDEPENDENT AND DEPENDENT EVENTS SOL 8.12

A dice is rolled three times. The first roll is event A, the second roll event B, and the third event C. List below if the events are Independent or Dependent:

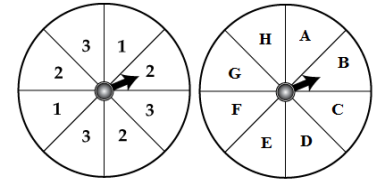
Event A:

Event B:

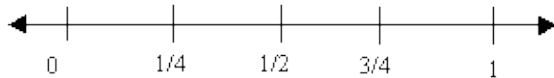
Event C:

You have a bag of 50 jelly beans. 15 are green. What is the probability of pulling out a color *other* than green? Write your answer as a percent

Each spinner below is spun once. What is the probability that the result will be a three or a consonant? Write your answer as a fraction in lowest terms



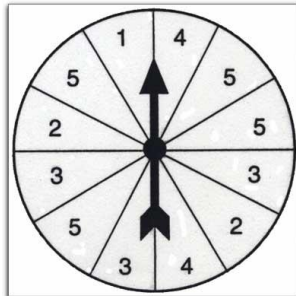
A box contains 6 yellow, 2 black and 4 green pencils. What is the probability of pulling two green pencils (without replacement)? Then graph your answer on the number line.



A box holds a white button, a brown button and a black button. What is the probability of picking a white button then without replacing it, picking a brown button on the second pick? Write your answer as a decimal

You have a 30% chance of pulling a red gummy bear out of a bag. What is the probability you will not pull a red on your first pull (and replace it) and your second pull? Write your answer as a decimal

What is the probability that the spinner will land on a 5 and then a 1? Write your answer as a percent



When rolling two number cubes simultaneously, what is the probability of rolling a 1 on one cube and a 6 on the other? Write your answer as a fraction in lowest terms.

You throw a number cube three times. What is the probability that you roll an odd number all three times? Write your answer as a decimal