

Sections 5.1 – 5.3 Class Activity

- 1) A set of 15 pool balls are numbered from 1 to 15. If a ball is selected at random, find the probability that the number is odd.
  
- 2) A bag of flower bulbs contains 25 tulips, 15 iris, and 35 daffodils. A bulb is randomly selected. Find the probability that the bulb is a daffodil.
  
- 3) There is a 62% chance of rain today. Find the probability that it does not rain today.
  
- 4) 52% of COS students are taking Math, 46% are taking English, and 25% are taking Math and English. Find the probability that a student is taking Math or English.
  
- 5) 44% of all adult Americans own a smart phone, 29% have a college degree, and 26% have a smart phone and a college degree. Find the probability that an adult American has a smart phone or a college degree.
  
- 6) 60% of COS students are female. If 4 COS students are selected at random, find the probability that all 4 of them are female.
  
- 7) 60% of COS students are female. If 4 COS students are selected at random, find the probability that none of them are female.
  
- 8) 60% of COS students are female. If 3 COS students are selected at random, find the probability that at least one of them is female.