**iobit uninstaller**

1. A standard dice is rolled. What is the probability that a 2, 4, OR 6 will be rolled? (Hint: Use Classical Probability Definition)
2. Rosa will toss a fair coin twice. If you know that the first coin toss resulted in heads, what would the probability be that both coins would land on heads? (Hint: Use Classical Probability Definition)
3. A spinner is divided into 3 equal sections, with sections labeled 1, 2, and 3. What is the probability of spinning a 3 on the spinner if you know the arrow landed on an odd number? (Hint: Use Classical Probability Definition)
4. A party host gives a door prize to one guest chosen at random. There are 48 men and 42 women at the party. What is the probability that the prize goes to a woman? (Hint: Use Classical Probability Definition)
5. A multiple choice test contains 10 questions. Each question has five choices for the correct answer. Only one of the choices is correct.
   1. What is the probability of making exactly 80% with random guessing?
   2. What is the probability of passing, e.g. making at least 60% with random guessing?

Hint : Use Binomial Distribution

Steph is a North Georgia basketball player and a 75% free throw shooter. During the season, find the probability that **She makes at least 8 of her first 10 attempts (**Hint : Use Binomial Distribution)

1. A spinner is divided into five equal sections numbered 1 through 5. The arrow is equally likely to land on any section. Find the probability of: (hint: use Binomial Distribution)
   1. an odd number on any one spin.
   2. at least three odd numbers on four spins.
   3. at least two odd numbers on four spins.
   4. at least one odd number on four spins.
2. At the Tire Store a problem has occurred unbeknownst to the managers: 10% of all the tires currently in stock in their warehouse are defective. Mr. Z purchase 4 tires each for two vehicles and they are randomly selected from the stock. Find the probability that: (hint: use Binomial Distribution)
   1. all 8 tires will be defective?
   2. none of the tires will be defective?
   3. at least one of the tires will be defective?
   4. 3 or more of the tires will be defective?