- 1. Suppose a three-stage rocket is launched. The probability for failure during stage one is 1/10. At stage two, the probability of failure is 1/5 and at stage three its 1/3/ What is the probability of a successful flight?
- 2. On a certain street there are three traffic lights. At any given time, the probability that a light is green is 0.3. What is the probability that a person will hot all three lights when they are green?
- 3. A fair coin is tossed and a six-sided die was thrown, what is the probability that it results in a head and an even number?
- 4. On a three question True-False test, what is the probability of getting all the answers correct if the student guessed the answers?
- 5. If A, B, C, D and E are vying to go on a school trip and their names are put in a hat, what is the probability of B and D being picked from the hat?