1. While drinking a coffee at his favorite coffee shop, the Hulk notices the shop offers 17 different kinds of drinks offered. What is the least amount of customers buying a single drink must the store have in order for at least 3 of those customers buy the same drink. Explain your answer.
2. The pet store the Hulk buys his kittens their food, sells 5 different types of pets: rodents, fish, cats, dogs, and reptiles. If 7 people purchased a single pet, were there 2 people that purchased the same type of pet? Explain your answer?
3. The Hulk rolls two dice and adds the two values. What is the probability that the sum of the two dice is 6 or 8? Express the answer as a simplified fraction and show work for full credit.
4. The Hulk flips 4 coins. What is the probability that he flips 3 of the same side? Express the answer as a simplified fraction and show your work for full credit.