1.  U.S. Airways Flight 1911, departing at 6 AM daily, from New York's Laguardia International Airport to Philadelphia is late 12% of the time.  What is the probability that five of these flights are late during one week?

2.  U.S. Airways Flight 1124, departing at 8:12 PM daily, from Charlotte, North Carolina to New York's Laguardia International Airport is late 50% of the time.  What is the probability that five of these flights are on-time during one week?

3.  U.S. Airways Flight 2034, departing at 1:30 PM daily, from Washington National Airport to Boston, Massachusetts is late 30% of the time.  What is the probability that all of these flights are late during one week?

4.  U.S. Airways Flight 3339, departing at 5:55 PM daily, from New York's Laguardia International Airport to Philadelphia is late 25% of the time.  What is the probability that seven of ten randomly selected flights are late?

5.  U.S. Airways Flight 3339, departing at 5:55 PM daily, from New York's Laguardia International Airport to Philadelphia is late 25% of the time.  What is the probability that seven of ten randomly selected flights are on-time?

6.  U.S. Airways Flight 3339, departing at 5:55 PM daily, from New York's Laguardia International Airport to Philadelphia is cancelled 25% of the time.  What is the probability that eight of ten randomly selected flights are not cancelled?

7.  U.S. Airways Flight 3339, departing at 5:55 PM daily, from New York's Laguardia International Airport to Philadelphia is cancelled 25% of the time.  What is the probability that eight of ten randomly selected flights are cancelled?