3. Consider a bag of well mixed marbles. The bag contains 8 black marbles and 7 white marbles. You are to draw out 4 marbles without replacement. What is the probability of getting 3 black marbles?

4. Evil Mike, a professor at C.S.O.M give an exam for which the results are approximately normally distributed with a mean $\mu = 65$ and standard deviation $\sigma = 5$. To get an A you need to