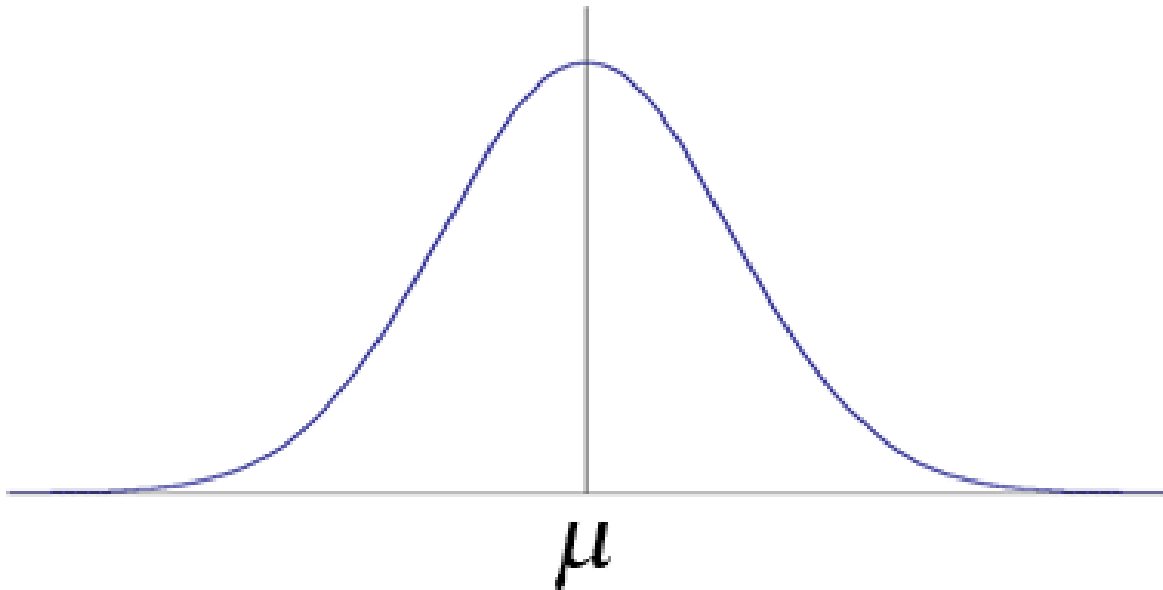
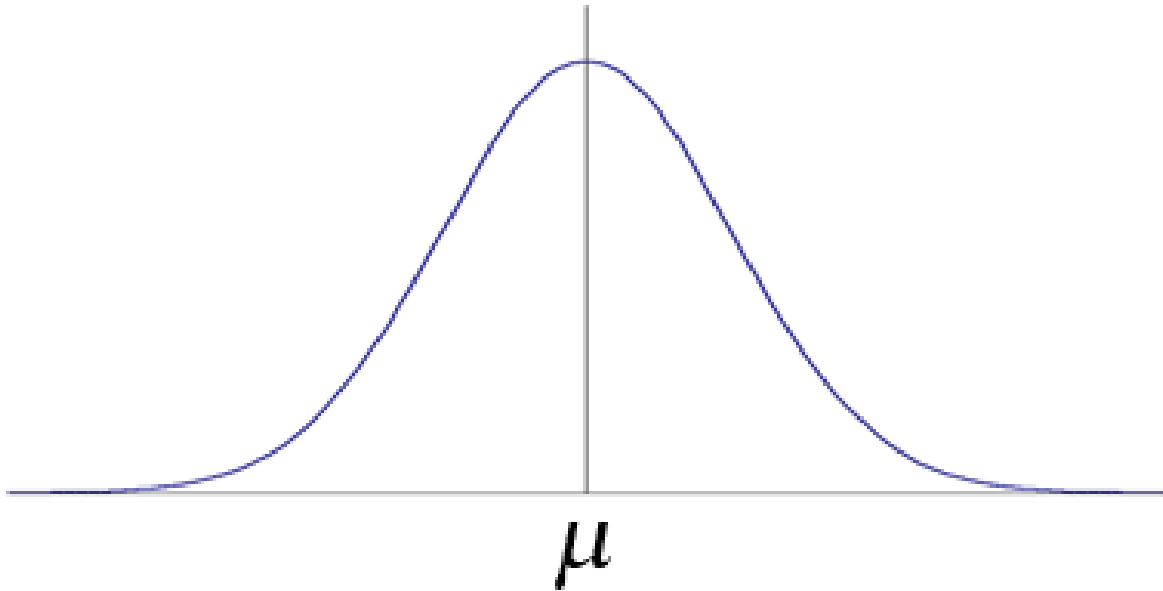


In a certain city the number of inches of rainfall in a summer is normally distributed with mean of 40 and a standard deviation of 5.

a) If one year is randomly selected, find the probability that the summer rainfall is below 34 inches.



b) If one year is randomly selected, find the probability that the summer rainfall is between 32 and 51 inches.



c) 15% of the years have summer rainfalls below how many inches?

