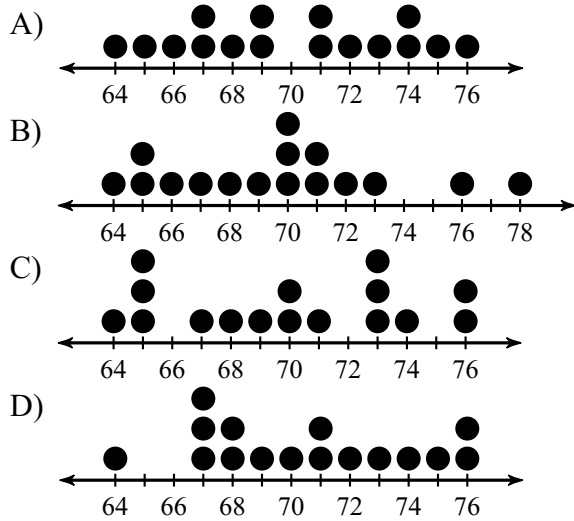


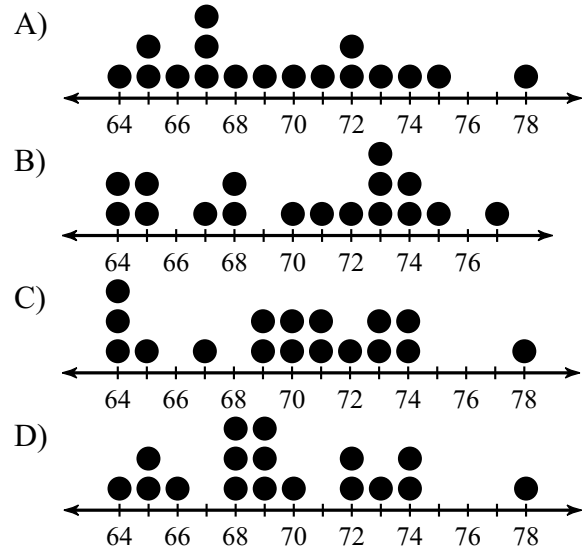
Visual Statistics - Using Dot Plots and Histograms

Choose the correct dot plot for each data set.

- 1) Mens Heights (Inches)
- 71 65 73 73 65 67 76
 68 65 76 73 70 70 69
 74 64



- 2) Mens Heights (Inches)
- 68 67 69 73 72 67 70
 64 65 74 67 78 65 72
 66 75 71

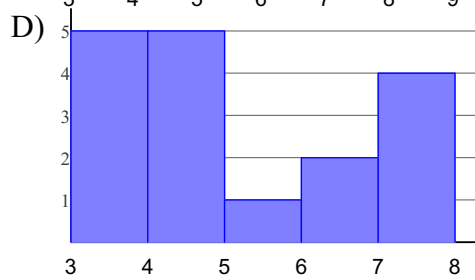
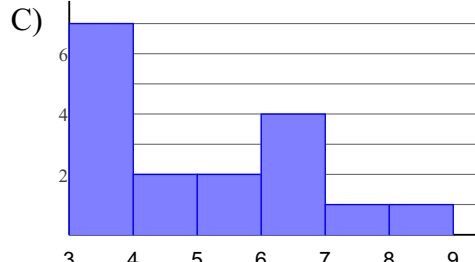
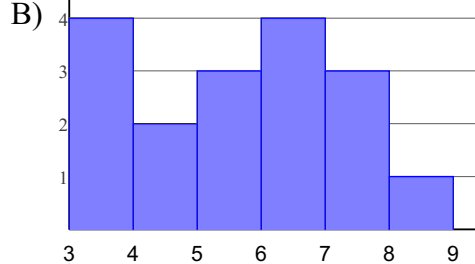
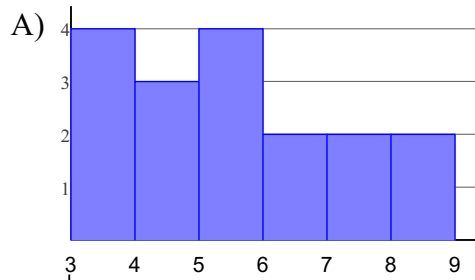


Using the correct answers from #1 and #2, choose the correct response for each question.

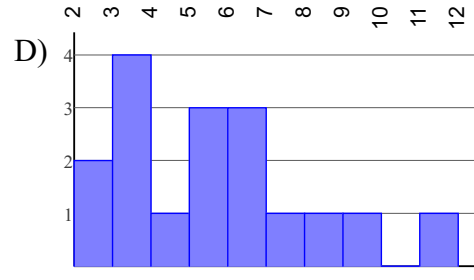
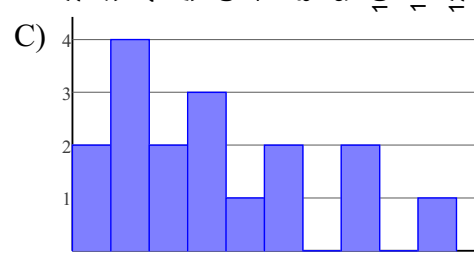
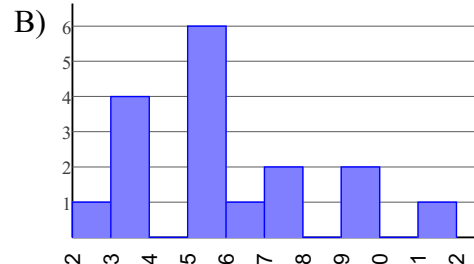
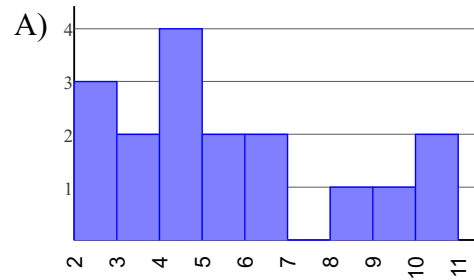
- 3) The number of men surveyed
- A) is greater for #2
 B) is greater for #1
 C) is equal for both sets of data
- 4) The maximum height
- A) is greater for #2
 B) is equal for both sets of data
 C) is greater for #1
- 5) The minimum height
- A) is less for #1
 B) is less for #2
 C) is equal for both sets of data
- 6) The median height
- A) is equal for both sets of data
 B) is greater for #1
 C) is greater for #2
- 7) Which data set has a mode that has the greatest value?
- A) is equal for both sets of data
 B) #1
 C) #2

Draw a histogram for each data set.

8) Goals in a Hockey Game
 8 4 5 6 6 7 3 5
 4 3 6 7 3 7 6 3
 5



9) Goals in a Hockey Game
 6 9 7 7 5 5 3 3
 5 9 11 5 5 5 3 2
 3



Using the correct answers from #7 and #8, choose the correct response for each question.

10) The number of games

- A) is greater for #7
- B) is equal for both sets of data
- C) is greater for #8

11) The maximum number of goals

- A) is greater for #7
- B) is equal for both sets of data
- C) is greater for #8

12) The mode (most commonly occurring) number of goals

- A) is greater for #7
- B) is greater for #8
- C) is equal for both sets of data

13) The minimum number of goals

- A) is less for #7
- B) is equal for both sets of data
- C) is less for #8