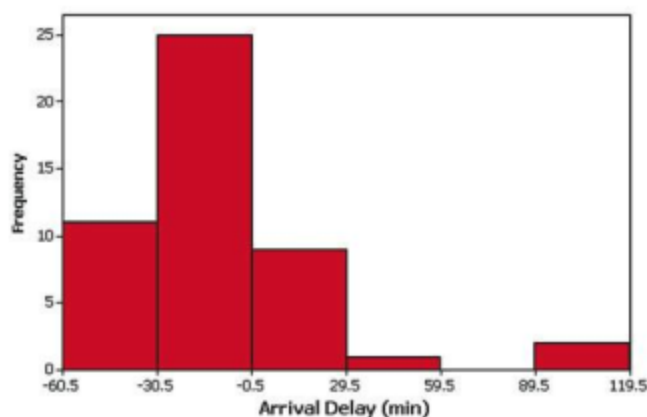
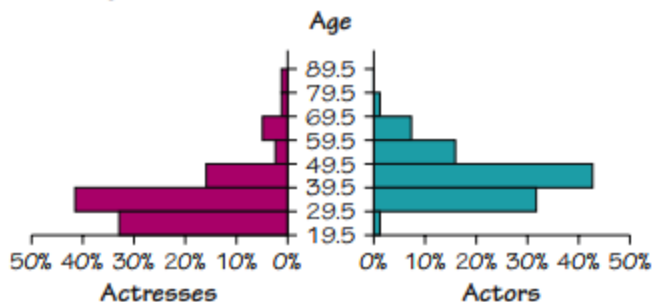


17. The two leftmost bars depict flights that arrived early, and the other bars to the right depict flights that arrived late.

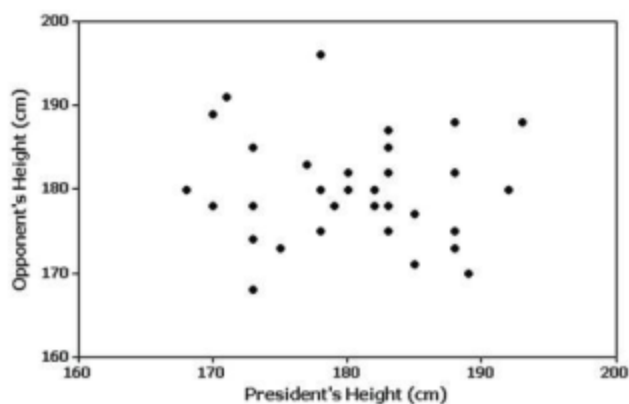


19. The ages of actresses are lower than those of actors.

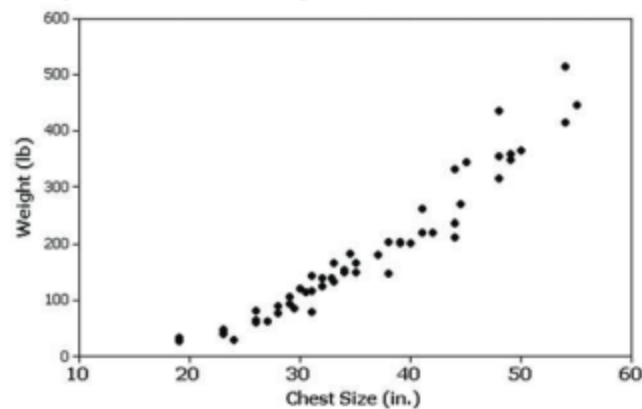


Section 2-4

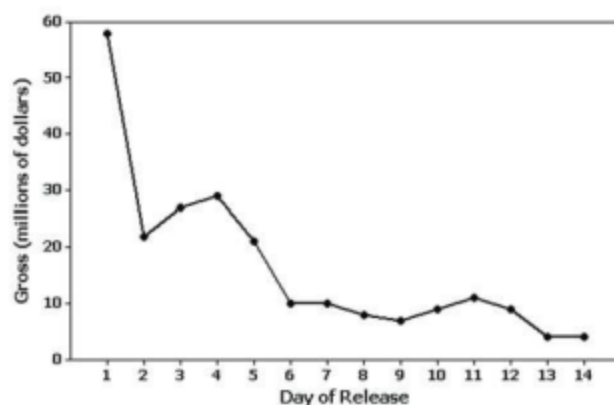
1. In a Pareto chart, the bars are always arranged in descending order according to frequencies. The Pareto chart helps us understand data by drawing attention to the more important categories, which have the highest frequencies.
3. The data set is too small for a graph to reveal important characteristics of the data. With such a small data set, it would be better to simply list the data or place them in a table.
5. Because the points are scattered throughout with no obvious pattern, there does not appear to be a correlation.



7. Yes. There is a very distinct pattern showing that bears with larger chest sizes tend to weigh more.



9. The first amount is highest for the opening day, when many Harry Potter fans are most eager to see the movie; the third and fourth values are from the first Friday and the first Saturday, which are the popular weekend days when movie attendance tends to spike.



11. Yes, because the configuration of the points is roughly a bell shape, the volumes appear to be from a normally distributed population. The volume of 11.8 oz appears to be an outlier.

