Find the mean, median, mode, and range of each set of data.

1. 12, 15, 19, 18, 21
   Mean: 17, Median: 18
   No mode, Range: 9

2. 12, 5, 16, 21, 82, 11, 7, 5, 30
   Mean: 21, Median: 12
   Mode: 5, Range: 77

3. 13, 15, 12, 18, 12, 13, 16, 18, 14, 13
   Mean: 15, Median: 14.5
   Mode: 18, Range: 6

4. 135, 70, 155, 140, 135, 140, 145, 80
   Mean: 125, Median: 137.5
   Mode: 135 and 140, Range: 85

5. Henri's times for running one lap around a track, in seconds, are 59, 63, 62, 63, 77, and 60. Use the mean, median, and mode to answer the following questions.
   Mean = 64, Median = 62.5, Mode = 63
   a. Which value gives Henri's average lap time? 64
   b. Which values describe the lap time recorded most often? 63
      Median; the time of 77 s raises the mean. The mean is greater than all but one time. The mode is the second slowest time.

6. Find the interquartile range of the data set:
   13, 19, 25, 17, 54, 32, 19, 26, 14, 44, and 50.
   27

7. The number of points scored per game by a basketball player is given.
   Use the data to make a box-and-whisker plot.
   21, 18, 20, 16, 9, 16, 12, 22, 15, 17, 11

8. The ages of the first fourteen people to enter a museum are 10, 38, 44, 12, 12, 18, 24, 30, 13, 16, 50, 19, 64, and 44.
   Use the data to make a box-and-whisker plot.