Lesson 2: Mean and Mode

1. Calculate the mean for the data sets below. Round to the nearest whole number.
   a) 2, 4, 7, 4, 8, 9, 12
   b) 24, 34, 44, 31
   c) 1, 2, 3, 4, 5, 6, 7, 8, 9
   d) 4, 8, 12, 16, 20, 24

2. Find the mode for the data below.
   a) 3, 4, 5, 2, 3, 2, 4, 5, 6, 3, 2, 3
   b) 45, 32, 56, 45, 65, 74, 32, 45, 73
   c) 143, 534, 486, 534, 573, 143
   d) 70, 73, 74, 72, 71, 76, 75, 77

3. This table shows the statistics for 7 players on the Bobville Baseball Buzzards.

Name	Games Played	Hits	Strikeouts
Green	104	129	90
Brown	107	129	60
White	89	71	62
Black	39	17	7
Rose	23	17	11
Silver	22	11	10
Gold	17	17	10

   a) Round to the nearest whole number.
   Calculate the mean for each of the following:
   - Games Played
   - Hits
   - Strikeouts

   b) Find the mode for each of the following:
   - Games Played
   - Hits
   - Strikeouts

   c) Who do you think is the best player by looking at the statistics? Explain.

Lesson 2: Finding the Median

1. Each day, Tyler empties the change from his pocket into a jar.
   Here are the amounts he put in the jar each day for the last few days:
   24¢, 35¢, 90¢, 67¢, 13¢, 45¢, 60¢, 17¢, 90¢
   a) Find the median, the mean, and the mode amounts of change.
   b) Which average do you think best represents the typical amount of change? Why?

2. The mean of the numbers in this set is 5.
   5, 5, 5, 5, 5, 5
   Write a different set of 6 numbers that also has mean 5.
   How did you choose the numbers?