CAHSEE Algebra   Cluster #4: Statistics, Data Analysis, an Probability   Name:_____
Assignment #1

1. Daniel's first four test scores in Physics were 71, 96, 83, and 86. What was his mean score.

2. Ashlie's first three test scores in World History were 84, 73, and 98. What was her mean score?

3. Ken's first five paychecks for his job were $85, $112, $81, $77, and $95. What is the mean?

4. Anthony recorded the afternoon temperature for three days in a row. The temperatures were 86°, 96°, and 94°. What is the mean of the list of temperatures?

5. Ben is collecting data for the price of Pepsi at various markets. The prices are shown below.

$1.20, $0.90, $1.25, $0.80, $1.10

What is the median price?

6. The data below shows the number of points scored by the Clippers in the past six games.

82, 98, 90, 100, 78, 104

What is the median score?

7. Nancy is collecting data for the price of Hot Cheeto's at various markets. The prices are shown below.

$1.80, $2.60, $2.25, $1.70, $2.35, $ 2.80

What is the median price?

8. The data below shows the number of points scored by the Kobe Bryant in the past seven games.

38, 42, 60, 51, 47, 43, 36

What is the median score?

9. Ten people in a survey were asked what what their favorite number was? The numbers are shown below.

7, 5, 21, 3, 10, 6, 5, 11, 7, 2, 11, 11

What is the mode of the set of numbers?

10. A list for the number of days for each month of the year is shown below. Find the mode of the list?

31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31

11. A list of the number of hours Bill worked for eight consecutive days is shown below.

8, 10, 7, 8, 7, 11, 6, 8

What is the mode of the set of numbers?

12. A list of the number of trips the space shuttle has taken to the moon each year for the past ten years is shown below. What is the mode of the list?

3, 2, 1, 5, 3, 6, 3, 2, 3, 2

Answer Key:

1) 84 **2)** 85 **3)** $90 **4)** 92° **5)** $1.10 **6)** 94 **7)** $2.30 **8)** 43 **9)** 11 **10)** 31 **11)** 8 **12)** 3