

Part I Survey Assignment

1. **Soft Rock**, is neither soft or a rock. (In measuring this kind of knowledge, it may be safe to hypothesize a potential, gravitational pull toward answer five, by any surveyed geologists).

- 1 – Never true
- 2 – Rarely true
- 3 – Sometimes but infrequently true
- 4 – Neutral
- 5 – Sometimes true
- 6 – Usually true
- 7 – Always true

2. According to **The Eurythmics**, “Sweet dreams are made of cheese. (*Who am I to...*)”

- 1 – Strongly disagree
- 2 – Disagree
- 3 – Somewhat disagree
- 4 – Neither agree or disagree
- 5 – Somewhat agree
- 6 – Agree
- 7 – Strongly agree

3. Because *the children are our future, I must teach them well and let them lead the way.*

- 1 – Very untrue of what I believe
- 2 – Untrue of what I believe
- 3 – Somewhat untrue of what I believe
- 4 – Neutral
- 5 – Somewhat true of what I believe
- 6 – True of what I believe
- 7 – Very true of what I believe

4. After washing clothes using, the new, *Spears and Jagger*, “*Oops...I did it again*” stain remover and laundry detergent, how satisfied are you with *how white* [your] *shirts can be*?

- 1 – Completely dissatisfied
- 2 – Mostly dissatisfied
- 3 – Somewhat dissatisfied
- 4 – neither satisfied or dissatisfied
- 5 – Somewhat satisfied
- 6 – Mostly satisfied
- 7 – Completely satisfied

5. When composing lyrics to songs, *I find it hard to write the next line.*

- 1 – Very untrue of me
- 2 – Untrue of me
- 3 – Somewhat untrue of me
- 4 – Neutral
- 5 – Somewhat true of me
- 6 – So **True** of me
- 7 – Very true of me

6. *I didn't know what time it was.*

- 1 – Not at all responsible
- 2 – somewhat responsible
- 3 – mostly responsible
- 4 – completely responsible

7. I have employed a flagrant use of '**Velveeta**' (Really cheesy) responses to academic questions.

- 1 – Never
- 2 – Rarely, in less than 10% of the chances when I could have
- 3 – Occasionally, in about 30% of the chances when I could have
- 4 – Sometimes, in about 50% of the chances when I could have
- 5 – Frequently, in about 70% of the chances when I could have (Oops, I accidentally answered)
- 6 – Usually, in about 90% of the chances I could have.
- 7 – Every time

Part II Stats I Assignment

1. The final test scores for five students are given below. Compute the mean, median, and mode for the scores (3 points).

78
66
78
70
92

Mean: 76.8

Median: 78

Mode: 78

2. A small theory class of six students has just taken a 25-point midterm. Here are the test results. Calculate the mean, median, and mode (3 points).

24
18
16
14
16
17

Mean: 17.5

Median: 16.8

Mode: 16

3. Find the mean, median, and mode for the following scores (3 points).

10
14
13
12
15
12
14

Mean: 12.9

Median: 13

Modes (bimodal): 12 and 14

4. The salaries for an eight-teacher music faculty are given below.

Compute the mean, median, and mode for faculty salaries (3 points).

\$11,950
\$13,500
\$14,575
\$15,600
\$12,525
\$15,650
\$14,757
\$14,400

Mean: \$14,119.60

Median: \$14,487.50

Mode: There is no mode because none of the salary figures are reoccurring.

5. Here are test results for a group of ten students.

The correct answers should be 1 A, 2 B, 3 C, 4 A, 5 B.

Determine the final score for each test and then calculate the mean, median, and mode (3 points).

	John	Joe	Jane	Jim	Julie	Jake	Janet	Jeff	Judy	George
1.	B	A	C	A	B	A	A	A	A	A
2.	B	C	A	C	C	B	B	B	A	C
3.	A	B	C	C	C	C	C	C	C	B
4.	B	A	A	B	A	A	C	A	B	A
5.	C	B	C	B	B	B	B	C	B	A
Score:	2	3	2	3	3	5	4	4	3	2

Mean: 3.1

Median: 3

Mode: 3

6. Given the following scores, find the mean, median, and mode. (4 points).

6
4
5
5
2
5
6
5
1
3
5
6
4
5
6

Mean: 4.5

Median: 5

Mode: 5

7. Thirty students in a high school humanities class rated themselves on a scale from 1 to 100 according to their preparation for and contribution to class discussions. Compute the mean, median, and mode (3 points).

82, 40, 91, 84, 85, 100, 90, 84, 82, 86, 74, 82, 90, 86, 85, 94, 84, 82, 80, 72, 76, 96, 91, 86, 92, 90, 82, 78, 80, 78

Mean: 83.4

Median: 84

Mode: 82

8. A portion of a music budget for a K12 district is given below. The amounts represent that portion of the budget allocated to certain material expenditures.

Below are the budget totals for each grade group:

K-5 \$3,500 6-8 \$4,800 9-12 \$4,500

Using the data provided above, please determine the mean scores for the following questions (3 points):

a) On average, how much money is allotted for each grade within K-5 group? \$583.33

b) On average, how much money is allotted for each grade within the 6-8 group? \$1600.00

c) On average, how much money is allotted for each grade within 9-12 group? \$1,125.00

Enrollment for the district, by grade grouping, is as follows:

K-5 750 students 6-8 375 students 9-12 500 students

Using the data provided above, please determine the mean scores for the following questions (3 points):

a) On average, how much money is allotted to each student within this group K-5 group? \$4.66

b) On average, how much money is allotted to each student within this group 6-8 group? \$12.80

c) On average, how much money is allotted to each student within this group 9-12 group? \$9.00