Name	Date
Program	Score

Activity 4.3 Central Tendency and Variability Measures

Direction: Solve the following problems as indicated.

1. USTP employees have the following monthly dues in thousand pesos to their cooperative: 10, 40, 5, 20, 10, 25, 50, 30, 10, 5, 15, 25, 50, 10, 30, 5, 25 and 45. Find the mean, median and mode.

2. Three students are named finalists in the search for A-1 Student of the Year. The evaluation papers revealed the following scores of the students in five different areas: Solve for the range and variance.

Student A	97	92	96	95	90
Student B	94	94	92	94	96
Student C	95	94	93	96	92

3. The number of incorrect answers on a true-or-false mathematics proficiency test for a random sample of 20 students was recorded as follows: Solve for the standard deviation.

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

4. Which group is the most heterogeneous?

Group I scores	100	123	122	150	146	141	132	132
Group II scores	102	102	132	154	124	136	25	135
Group III scores	150	120	130	114	112	105	136	104