

Employees working at the Akron plant of the United Bug company have complained that they are discriminated against in the company's pay scale when compared to the pay scale at the Canton plant. The employees and their salaries are listed below.

<u>Akron Plant</u>		<u>Canton Plant</u>	
Mr. Jones	\$30,000	Mrs. Stein	\$20,000
Ms. Arthur	\$15,000	Mr. Patrick	\$20,000
Mr. Brady	\$15,000	Mr. Baron	\$20,000

- What is the mean salary for all employees?
- What is the mean salary for the Akron workers? For Canton workers?
- What is the median salary for Akron workers? For Canton workers?
- What is the mode salary for Akron workers? For Canton workers?
- If you were a lawyer acting for United Bug, which measure of central tendency would you use? tendency would you use?
- If you were a lawyer for the Akron workers which measure of central tendency would you use

- g. What is the MAD for each plant? What is the Mad for both plants?
- h. What is the standard deviation for the two plants?