

Name: \_\_\_\_\_

### DESCRIBING DISTRIBUTIONS: TAPE#3

1. What was the median salary in 1986 for all full time workers in the United States? For male workers? For female workers?

Full time:

Males:

Females:

2. Why was it easy for the group of secretaries in Colorado Springs to determine statistically that females were not getting the same pay for the same job? What was the difference in dollars between draftsmen and secretaries?

3. Colorado Springs became the first city in the United States to do what?

4. Which measure of the center of a distribution do statisticians prefer to use when the distribution is skewed?

5. The video tape uses an example of music and standard deviation to help analyze the urine sample of new born babies. Explain how this process works.