

Math Class Task

Name _____ Class Period _____

Mr. Turner has two Math 2 classes. With one class, he lectured, and the students took notes. In the other class, the students worked in small groups to solve math problems. After the first test, Mr. Turner recorded the student grades to determine if his different styles of teaching might have impacted student learning.

Class 1: 80, 81, 75, 70, 72, 74, 76, 77, 77, 79, 84, 88, 90, 80, 78

Class 2: 70, 90, 88, 89, 86, 86, 82, 77, 79, 84, 84, 86, 87, 88, 88

Analyze his student grades by calculating the:

Class 1

Class 2

1. Mean

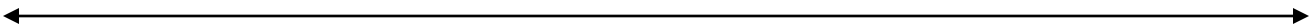
2. Median

3. Mean Absolute Deviation

4. Interquartile range

5. Which class do you think was the lecture and which was the small group? **Why?**

6. Draw a box plot for each class.



7. Which measure of **center** and **spread** do you feel is more appropriate to use when comparing the two classes?