

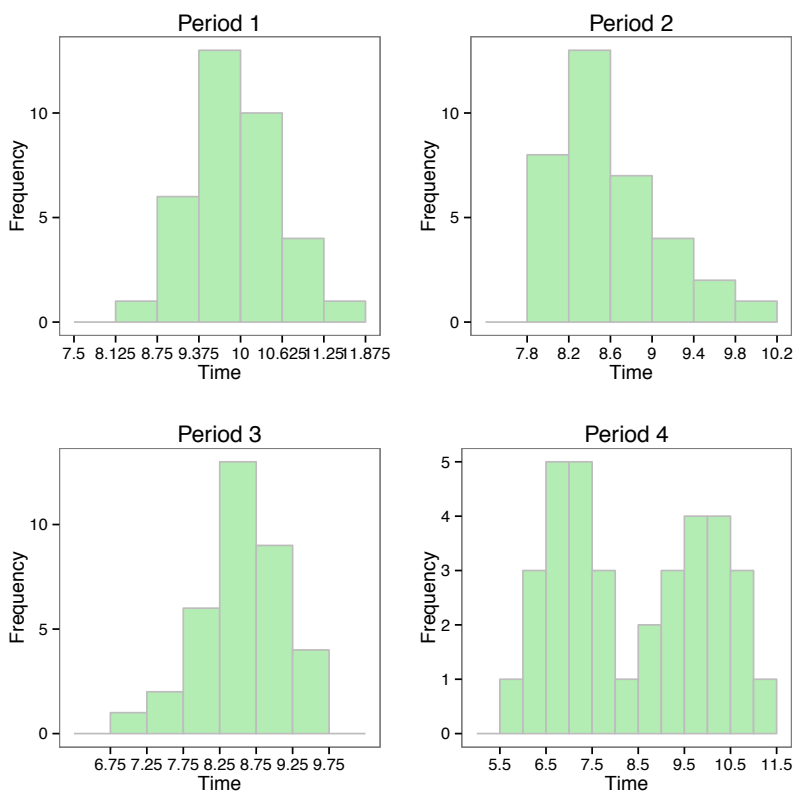
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Mr. Jones Mile Run Times

### Background:

Mr. Jones is a physical education teacher at a high school. Every year, his students must run a distance of one mile in a specified amount of time. At the beginning of the year, he gives the students a practice one-mile run and records their times. He hopes to compare these run times to others throughout the year to see if there is any improvement in the students' running paces.



Answer the following questions:

1. What kind of plots did Mr. Jones create for his classes? \_\_\_\_\_
2. Where does each distribution balance? Find and label the balancing point on each plot above.
3. Based on the balancing points you found, what would you say is the mean mile run time for each of Mr. Jones's classes?
  - i. Period 1: \_\_\_\_\_
  - ii. Period 2: \_\_\_\_\_
  - iii. Period 3: \_\_\_\_\_
  - iv. Period 4: \_\_\_\_\_