Name Date

## Sing a Song

Directions:

1. Decide what song each person in your group will sing. Your group may decide on a poem to read instead of singing a song, but everyone will sing or read the same thing. Write the name of your selection.
2. Estimate the time that you think it will take to sing the song. Write your estimate as a fraction or mixed number to the nearest twelfth.

 minutes

1. Take turns timing each person in your group. Use the table below to record the time in twelfths and simplify the fraction or mixed number, if possible.

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| --- | --- | --- | --- |
| **Student** | **Time** | **Time expressed as a fraction or mixed****number** | **Time in simplest form** |
| *Example: Sam* | *1 minute, 15 seconds* | *1* 3 *minutes*12 | *1 ¼ minutes* |
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1. Construct a line plot using your data.
2. How did you determine the scale on your line plot?
3. How long did it take for all members of your group to sing the song?
4. Redistribute your times by making equal, balanced moves of your data points toward the middle of the line plot. This will be the average of your times.
5. What is the average time for your group?
6. How close is your group’s average to your original estimate?