

Compare Center Spread and an Outlier



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

A small invented data set

Invented practice data or scenario; not a report of a real study.
Five recorded task times, in minutes: 2, 3, 3, 4, 18. These are invented values for statistical practice, not research data.

1. Find the median.

2. Find the mean.

3. Find the range.

4. If 18 is removed, what is the mean of the remaining values?

5. Which center better represents the cluster of short times here? Explain.

6. Should a large value automatically be removed?

