

## **4.MD, 5.MD Button Diameters**

### **Task**



- With a partner or group, gather a handful of round buttons from a diverse collection, and use a ruler to measure the diameter of each button to the nearest eighth-inch.
- Make a line plot of button diameters, marking your scale in eighth-inch increments.
- What is the most common diameter in your collection? How does that compare with the collection from another group?
- Now measure the diameters of these same buttons to the nearest quarter-inch.

- e. Make a line plot of button diameters, marking your scale in quarter-inch increments.
- f. Describe the differences between the two line plots you created. Which one gives you more information? Which one is easier to read?



4.MD, 5.MD Button Diameters

Typeset May 4, 2016 at 22:47:22. Licensed by Illustrative Mathematics under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License .