**Penny Toss Activity**

Stand 7 tiles away from your partner with a cup at each of your feet. Toss your penny into your partner’s cup and record the number of times your penny lands in the cup.

# of times my penny landed in the cup:\_\_\_\_\_\_\_\_\_\_\_\_

As a class, share your data and record your classmate’s answers.

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1. Find the mean, median, and mode of the data.
2. Find the range of the data.
3. Find the lower quartile, upper quartile, and interquartile range of the data.
4. Find the MAD (Mean absolute deviation)
5. Does the data have outliers? (Use the outlier test)
6. Which measure of center would best represent the data? Why?
7. Which measure of spread would best represent the data? Why?