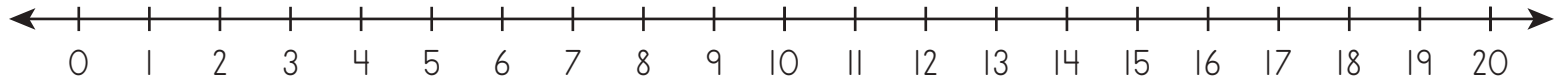


Pencil Plot

Materials: rulers, ten pencils of various lengths

1. Collect ten pencils.
2. Measure the length of each pencil to the nearest centimeter.
3. Each time you measure a pencil place an X above the measurement on the line plot.



4. What is the difference in length between the longest and shortest pencils? How do you know?
5. Record two other facts about the data in your line plot.

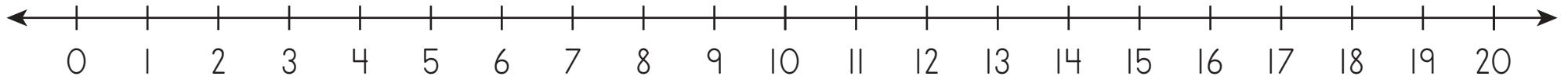
The shortest pencil has a length of ___ centimeters.

The longest pencil has a length of ___ centimeters.

___ pencils measured more than ___ centimeters.

___ pencils measured less than ___ centimeters.

Pencil Plot



Length of pencils in centimeters