

Name _____

Date _____

Estimating Length - Guided Lesson Explanation

Explanation#1

A television is a medium sized object, so we are looking for medium sized units. Feet and meters are to measure bigger units of length. Centimeters are to measure smaller objects of length.

We have used inches to measure the object as the object is medium sized.

Explanation#2

A coffee cup is a smaller object. This means we can forget about using feet or meters because they are too large. Centimeters or inches would work, but now we have to look at how many we have.

6 inches is half a ruler. It would be about this size:



6 centimeters is much smaller and would be about this big:



If you know coffee cups, you would easily agree that inches work much better.

Explanation#3

The object in question here is a guitar. It is about the length of a human arm. So we are looking for a medium to large sized unit of length. I would measure my arm most likely in units of feet. So it stands to reason that I would most likely measure the guitar in units of feet as well.

