

Name \_\_\_\_\_

Date \_\_\_\_\_

## Estimating Units of Length - Guided Lesson Explanation

### Explanation to #1

"How can we measure height of LCD TV"

Centimeters are a smaller unit of length, so they can be used to measure small things. Meters are bigger units of length. 1 meter is much larger than the TV, so centimeters would be the better choice.

Answer: Centimeters



### Explanation to #2

One foot is equal to 12 inches and 0.3048 meters.



Most toothpaste containers are less than 1 foot in length. Toothpaste containers are small in size, so they would be best served with centimeters as a unit of choice.

So we calculate height of toothpaste in inches.



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### **Explanation to #3**

Meters are the fundamental unit of length in the metric system, equal to 100 centimeters. They are very large.

A water bottle is much less than a meter in height. So centimeters would be the better choice to be more accurate in our calculations.



So we calculate height of bottle in centimeter.

