Name Date

## Estimate-Measure-Estimate



You will measure similar items, as listed below. Please follow these steps:

* 1. Before measuring, write your estimate and using the specified unit of measure.
  2. Use measurement tools, such as a ruler, yardstick, balance, or measuring cups to find the actual measurement.
  3. Convert your actual measurement to a different unit as shown in the table.
  4. Use your actual measurement to estimate a similar item.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1. Estimate** | | **2. Actual** | **3. Convert units** | **4. Estimate** | |
| Window width | in. | in. | ft. | Door width | ft. |
| Liquid volume of coffee mug | c. | c. | pt. | Liquid volume of pitcher | pt. |
| Distance between your eyes | cm | cm | m | Width of your head | m |
| Weight of a handful of candies | oz. | oz. | lbs. | Weight of a bag of candies | lbs. |
| Length of your math book | cm | cm | m | Length of your desk | m |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mass of a pencil | g | g | kg | Mass of an eraser | kg |
| Liquid volume of milk carton | mL | mL | L | Liquid volume of water bottle | L |
| Height of a chair | ft. | ft. | yd. | Height of a door | yd. |
| Liquid volume of a spray bottle | c. | c. | qt. | Liquid volume of a sink | qt. |
| Weight of your full backpack | oz. | oz. | lbs. | Your weight | lbs. |
| Time to sing Happy Birthday | sec. | sec. | min. | Time to sing National Anthem | min. |

*This task was adapted from “Teaching Student-Centered Mathematics Grades 3-5,” by John A. Van de Walle and LouAnn H. Lovin.*