

GENERAL CHEMISTRY STANDARD 1.3

1.3: Differentiate between qualitative and quantitative data

QUALITATIVE VS QUANTITATIVE DATA

- Quantitative data involves numbers and are related to or measuring the amount of something
 - 35 meters
 - 42.1 seconds
 - 320 Kelvin
 - 12 Objects
- Qualitative data do not involve numbers and are related to measuring observational characteristics
 - A hot substance
 - The reaction turns green in color
 - The substance smells like vinegar
 - It took a long time for the reaction to complete