

ChatGPT



The word **"chemistry"** can be broken down into its roots and structure as follows:

1. Root Word:

- **Chem-:**
 - This comes from the Greek word **"khēmía"** (meaning "alchemy") and its Arabic derivative **"al-kīmiyā"**.
 - It referred to the art of transmutation or combining elements, originally linked to ancient attempts to transform base metals into gold.

2. Suffix:

- **-istry:**
 - This is derived from the Greek **"-istēs"** or Latin **"-ista"**, which denotes a practice, profession, or study.
 - In this case, it signifies the systematic study or practice of a subject.

Combined Meaning:

- **Chem-** (alchemy, transformation) + **-istry** (the study of) = **"The study of substances and their transformations."**