

An atom of the element lithium



An **ELEMENT** is substance that cannot be broken down into simpler substances by chemical means.

?



Me like Roetgen. He made fingers rot. Nomnomnom.

Stuff like copper, oxygen, sodium, and roentgenium. The matter on the periodic table.

A **COMPOUND** is a chemical combination of elements.

**CH<sub>4</sub> = Methane**  
**H<sub>2</sub>O = Water**  
**AgS = silver tarnish**  
**C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> = glucose**  
**H<sub>2</sub>S = hydrogen sulfide**

Putrefaction is destruction of soft tissues of the body by action of microorganisms. Makes methane. Mmmmm.

That's just gross.

**HOMOGENEOUS MIXTURES** are combinations of elements or compounds that are **NOT** chemically attached to each other, but the stuff looks the same all the way through.

It's like well mashed potatoes. There's butter milk, and potatoes, but it's all a white mush.



Methane, nitrogen, hydrogen sulfide - they not chemically attached. Fart is homogeneous mixture!! Yaa!!!

...sigh...  
Yes, a fart is a homogeneous mixture.

**HETEROGENEOUS MIXTURES** combinations of elements or compounds that are **NOT** chemically attached to each other, but the stuff **DOES NOT** look the same all the way through.

I know dis!!!

It like my dinner!

Mmmmm



You are. So nasty. But correct. Your dinner is a heterogeneous mixture.