

What is chemistry?



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Properties of atoms and molecules

Properties of substances

Scientific method

- A. A scientist notices that when burning a certain metal in a closed container, the mass of the entire container stays the same.
- B. The scientist performs many controlled tests, carefully measuring the masses before and after many chemical reactions.
- C. The scientist finds that the mass will stay the same during ANY chemical reaction as long as it's in a closed container.
- D. This may be because substances in the air combine with the metal when it burns.
- E. The work done confirms that all matter is made of atoms, and these atoms rearrange and recombine during chemical reactions.

