

Chemical Reactivity

1) What part of the atom is involved in regular chemical reactions? Why?

Answer =

2) More specifically, which electrons are involved in chemical reactions? Why?

Answer =

3) What determines how reactive an element will be?

Answer =

Reactivity Rules for Metals

Example

- Rank the following metals in order from **most to least** reactive.

Ni, Na, Au, Ca, Ag

Reactivity Rules for Nonmetals

Example

- Rank the following nonmetals in order from **most to least reactive**.

F, O, Cl, P