

The Activity Series of the Elements

| Metals | Nonmetals |
|--------------------------|---------------------------|
| lithium, Li | fluorine, F ₂ |
| potassium, K | chlorine, Cl ₂ |
| barium, Ba | bromine, Br ₂ |
| calcium, Ca | iodine, I ₂ |
| sodium, Na | |
| magnesium, Mg | |
| aluminum, Al | |
| zinc, Zn | |
| iron, Fe | |
| nickel, Ni | |
| tin, Sn | |
| lead, Pb | |
| hydrogen, H ₂ | |
| copper, Cu | |
| mercury, Hg | |
| silver, Ag | |
| gold, Au | |

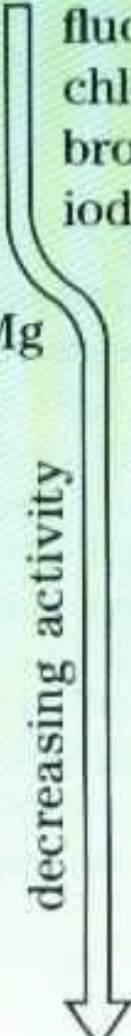


Figure 9-21

How some of the elements rank according to activity.