

TABLE 4.1. Elements with long isotopic half-lives

Parent Isotope	Stable Daughter Product	Half-Life
Uranium-238	Lead-206	4.5 billion years
Uranium-235	Lead-207	704 million years
Thorium-232	Lead-208	14.0 billion years
Rubidium-87	Strontium-87	48.8 billion years
Potassium-40	Argon-40	1.25 billion years
Samarium-147	Neodymium-143	106 billion years

Source: From <http://interactive2.usgs.gov/learningweb/teachers/geoage.htm>.