

# Radioactive tile race

Name: \_\_\_\_\_

The nuclear reaction that powers the sun		The scientist who proved the existence of the nucleus in an atom		Radioactive gas which comes up through rocks		Mass number is number of		Alpha stopped by (part of body)	
Number of protons in the nucleus is called		Form of radioactivity in smoke alarm		Ionizing radiation from outer space		Mass number of alpha particle		Radiation with the highest penetrating power	
Atomic number of alpha		A helium nucleus		Where protons and neutrons are in the atom		Mass number of beta particle		Nuclear reaction that happens in nuclear power station	
the fuel in a nuclear reactor is Plutonium or ?		Mass number of gamma ray		Atomic number of ordinary beta		Gamma stopped by (metal)		The ??? of tritium is 12 years	
In Fission 2 or 3 ..... are released		Radiation with the highest ionizing power		Form of radioactivity in medical sterilizer		Symbol for mass number		Two atoms with same number of protons but different numbers of neutrons	