

# 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