

# Radioactive tile race

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

Cyclotron accelerates...		Highest ionizing power		Two of them in a neutron		Form of radioactivity in smoke alarm	
Radioactive gas which comes up through rocks		Form of radioactivity in medical sterilizer		Anti-electron		Mass number is number of	
Two atoms with same number of protons but different numbers of neutrons		Ionizing radiation from outer space		Process when particle & anti-particle meet		The ??? of tritium is 12 years	
Atomic number of alpha		Mass number of gamma		Symbol for mass number		Number of protons is called	
'Not made of anything smaller'		Highest penetrating power		Three of them in a proton		Detector in PET scanner detects	
Mass number of beta		Alpha stopped by (part of body)		Gamma stopped by (metal)		Change to a cell which makes it do something different	
Minimum Z for alpha		Mass number of alpha		Atomic number of ordinary beta		A helium nucleus	