

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	