

ANS GET TO KNOW NUCLEAR PATCH:

Nuclear Science Basics Worksheet

ANSWER KEY

1. What are the acorrect ans	e basic building blocks wer) .	of all matter? A	toms (but Quar	ks could also be
2. What are th	e three parts of an ator	n?		
<u>Protons</u>	, <u>Neutrons</u>	,	and <u>Electrons</u>	.
3. What charg	e do neutrons have? <u>N</u>	No Charge (or N	leutral)	
4. What table	would I look on if I wan	ted to find inforr	nation on the ele	ment carbon?
The	riodic	tab	le.	
	oms called that are the eir nucleus? Isotopes	same element,		rent numbers of
	cules, crystals, and cor nange from old to new	•	•	-
7. What does	the field of nuclear scie	nce concern?		

Nuclear Science concerns the interactions between Parts of Atoms_



 List three commonly found radioactive objects.
Use Necessary Judgment

9. What are two types of radioactive decay?

Could be at least: <u>Gamma, Apha, Beta, or Particle</u>. *In general, use necessary judgment* decay.

10. What nuclear process do nuclear power plants use to produce most of their power?

Nuclear ____Fission______.

11. BONUS! Sketch what a nuclear fission chain reaction looks like.

