

Download Nuclear Decay Worksheet With Answers

Labs. Do "The Radioactive Decay of Pennium" lab, a half-life simulation using pennies. The "Radioactive Decay of Candium" is another half-life simulation but uses candy that students can then eat. Now let's move on to the most common types of nuclear decay. The first is alpha decay. In alpha decay, the nucleus emits an alpha particle, or a particle containing two protons and two neutrons. Another nuclear reaction that we can take advantage of is the decay of carbon-14. Carbon is an essential element for living organisms that are constantly exchanging carbon, most of which is carbon-12. Practise at vector addition and subtraction, solving vector equations, calculating magnitude and direction.