**Noteguide for Binding Energy - Videos 30B Name**



(The bigger the binding energy per nucleon, the more stable the nucleus)



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| What is the binding energy for Nitrogen 13? (Z = 7) N 13 mass = 13.005739 uH = 1.007825 u Neutron = 1.008665 u 1 u = 931.5 MeV(94.11 MeV) | What is the binding energy for Carbon 12? (Z = 6) C 12 mass = 12.000000 u (duh?)H = 1.007825 u Neutron = 1.008665 u 1 u = 931.5 MeV(92.16 MeV) |