

Isotopes- Enriched Notes

Def: _____

- Since elements have different number of neutrons, their atomic mass does not go up at a constant rate.
- All isotopes of the same element will have the same chemical properties (cause a pop with a lighted splint), but may have different physical properties (colour or texture).
- Unit is atomic mass unit (amu) use u.

Representing Models

A=

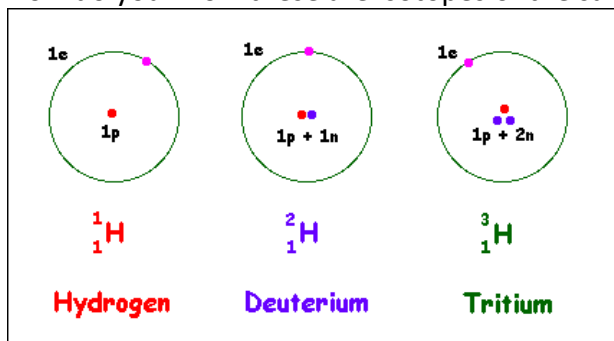
Z=

E=

Examples:

Elements with many isotopes

How do you know these are isotopes of the same element?



Calculating n° number and determining the most abundant form

ex 1- S32 S33 S34

ex 2- Rb84 Rb85 Rb86