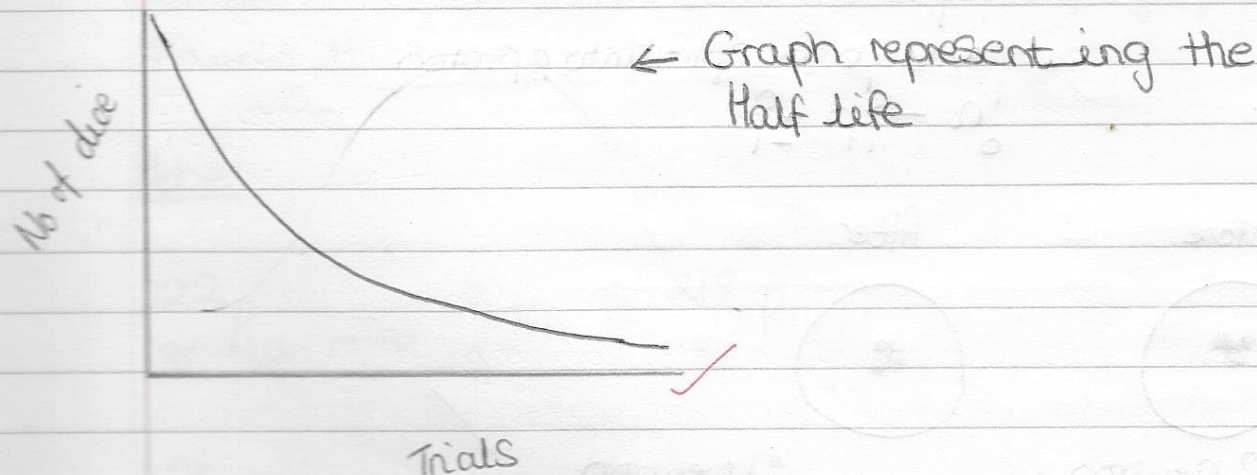


Radioactive Emissions

Emission	Symbol	Structure	Charge	Ionising	Shielding
Alpha	α	Helium nucleus	+2	High	Paper
Beta	β	Electron	-1	Med	Thick Aluminium
Gamma	γ	(Electromagnetic radiation) wave	0	Low	THICK Lead

Handling radioactive sources safely:

1. Shielding
2. Reduce exposure time
3. Keeping distance



Half life is the time it takes for half the atoms to decay.
and
The time it takes for an ^{isotopes} activity to half.