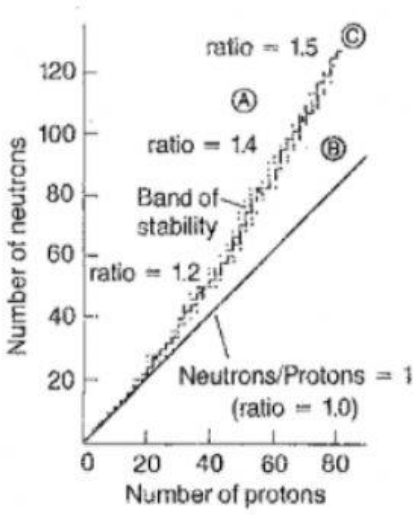
Name: _____ date: _____ block: _____

Do Now: The Band of Stability



Match each term from the graph with its description:

___ 1. Band of Stability	a. Unstable nuclei convert a p^+ to an n^0
___ 2. neutron/proton ratio = 1.0	b.. Stable ratio for heavier isotopes
___ 3. neutron/proton ratio = 1.5	c. Contains all stable nuclei
___ 4. Region A	d. Unstable nuclei emit alpha particles
___ 5. Region B	e. Stable ratio for lighter isotopes
___ 6. Region C	f. Unstable nuclei undergo beta decay

LIVEWORKSHEETS