Elements Organized

- 1. How are the elements organized today?
- 2. What are some trends that are observed within the groups of the Periodic Table?
- 3. What are some trends that are observed within the periods of the Periodic Table?
- 4. What are some limitations of the Periodic Table?

Video: Elements Organized (25 min.)

How are the elements organized today? — metals, non-metals, elements in same group have milan arranged by stamis number (# of protons)
- metals, non-metals elements in some group have similar
- chemial
on the Periodic Table groups - columns - some physical periods - rows physical
What are some trends that are observed within
groups or families of the Periodic Table?
Las 10: recolor the cos as more dum across P.T.
- density of noble gases increases with atomic number - reactivity with air water to wove down (metals)
a group of metals - foundes for otale of broup & sion
What are some trends that are observed across
the periods of the Periodic Table?
the periods of the Periodic Table? — reaction with hologens, orygen, # 1 e
- each row seems to repeat (every 8 elements)
- ratio of elements in compound morease, (mole ratio)
What are some limitations of the Periodic Table?
- Periodic trends are atomic mass I. Ar, - "ne: Hor precise a regular or we would like"
ie ratio of hologene reaction, = period 2 elevants of CI
Some similar elevate one separated or Cu, dy, Au sported from Grop I