

- Size of nucleus...  $\sim 1\text{fm}$  (“femtometer”)
- Femto =  $10^{-15}$
- Size of first electron orbit
- $\sim 0.1$  Angstroms
- Angstrom =  $10^{-10}$  m
  
- How many powers of ten different?
- How many times bigger is one than the other?