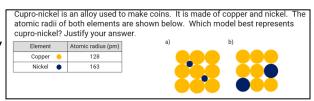
AP Chemistry Daily Videos 2.4 Structure of Metals and Alloys

Video #1

- 1. What 3 properties do metals have because of their "sea of electrons"?
- 2. Ionic compounds that are soluble in water and metals both are good conductors of electricity. Explain why.

- 3. What are alloys and their two types? Draw a picture <u>and</u> words to describe the types.
- Pause the video at 2:32 and attempt the problem, then evaluate how you did and identify any errors.



Pause the video at 3:13 and attempt the problem, then evaluate how you did and identify any errors. A particular interstitial alloy is made of two elements X and Y, where Y is the base metal. The alloy is made of 20% X and 80%Y. Draw a diagram of the solid alloy that contains 10 total atoms in a representative proportion of atom types.

Element	Particle
Х	•
Υ	0