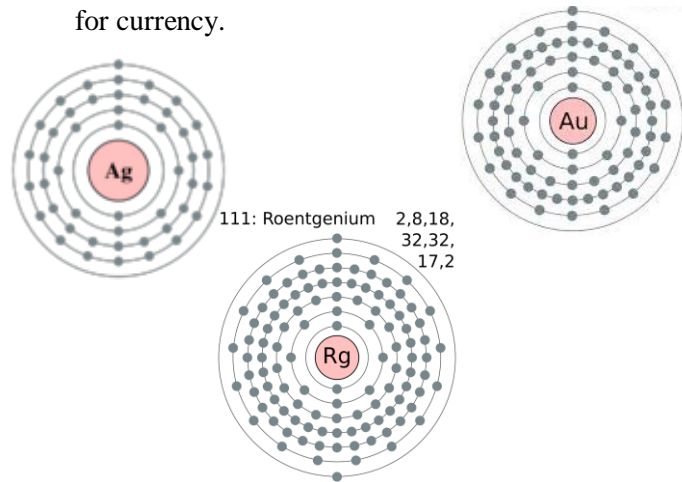


Q: In high concentrations, you are dangerous. How will you account for this?

It takes eating all your meals on a plate made completely out of copper for me to kill someone. There is also medicine that binds copper to certain chemicals so your body can get rid of it. Doorknobs and handrails made by me are also antimicrobial. If anything, I've been making the world healthier.

Q: What do you have to say about the corruption caused by copper, silver, and gold?

Our party is naturally valuable due to our rarity. We can do nothing about it, however paper money has increasingly been used instead of us for currency.

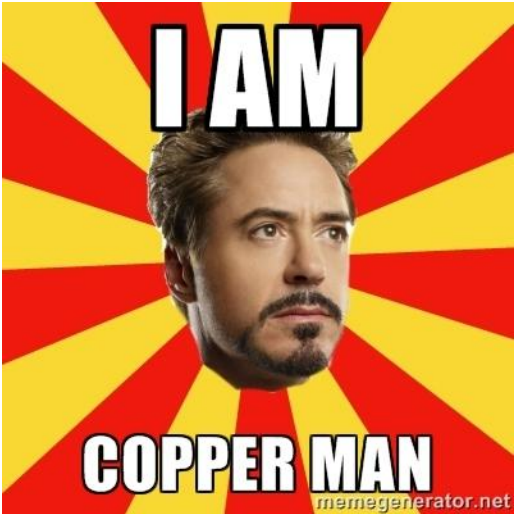


General Facts about Group 11

	Copper	Silver	Gold	Roentgenium
Atomic Number	29	47	79	111
Atomic Mass	63.546	107.8682	196.96	N/A
Melting Point	1385K	1235K	1337K	N/A
Boiling Point	2835K	2435K	3,243 K	N/A
Common Physical Form	Shiny brown red metal	Shiny gray metal	Shiny yellow metal	N/A
Electron Configuration	[Ar] 3d ¹⁰ 4s ¹	[Kr] 4d ¹⁰ 5s ¹	[Xe] 4f ¹⁴ 5d ¹⁰ 6s ¹	[Rn] 5f ¹⁴ 6d ⁹ 7s ²
Density	8.933 g/cm ³	10.501 g/cm ³	19.282 g/cm ³	More than 19.282 g/cm ³
Cost in USD	\$9.76	\$120	\$5540	N/A

Cu In the Election

C what copper can do for U



Campaign managed by:
Jonathan Quang
Shadman Khandaker

Members of the Group 11

Coinage Metal Party

- **Copper** : President of the party
-Used as currency and a lot of wiring
and least dense of the party
-Incredibly useful
- **Silver** :VP of the party
-Shiny and reflective
-Always learning from past experiences
- **Gold**: Treasurer of the party
-Incredibly rich
-Useful in microscopic size electronics
- **Roentgenium**: Had a short lived career after being assassinated for being a synthetic element. Mentioned here in his honor.

Members of the Coinage Metal Party tend to be very wealthy candidates that keep the world connected. They are all highly conductive and soft metals. They are both ductile and malleable. In order from top to bottom, about 60 parts per million of the earth's crust is copper, then 0.0755 ppm, and 0.04 ppm.

Who Is Copper?

- In its purest form, copper is soft and malleable. Like most metals, it always forms bonds with oxygen. This forms verdigris that protects the rest of the copper from oxidation. This is why the Statue of Liberty created by the skillful copper has turned a greenish color.

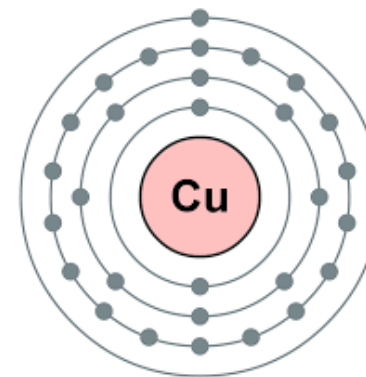
- Copper is stable. It has two stable isotopes ^{63}Cu and ^{65}Cu along with 27 radioisotopes.
- Copper is also an excellent conductor of heat and electricity while also showing minimal thermal expansion. This makes copper an extremely popular element for use in wires.
- When combined with sulfur in different chemical compositions, they work together as a team to perform many different functions such as acting like a semiconductor or polarizer of infrared light.

Life's not the Same Without Copper

- Many crustaceans have blue blood because they do not have hemoglobin but rather hemocyanin, which contains copper.
- For every kilogram a human weighs, there is about two milligrams of copper in them in the form of enzymes. These enzymes assist in the formation of blood vessels, tendons, bones, and nerves.
- In all mitochondria of eukaryotes, cytochrome c oxidase, which is the last protein in oxidative phosphorylation, binds O_2 between a copper and an iron.
-



Without copper, there would be no food



What's Your Stance On These Issues?

Q: Do you believe there is an overreliance on you for electronics?

A: Not one bit, I know for a fact that wiring with me is very cheap, which I am sure everyone enjoys.

