

<section-header><section-header><section-header><text>

Elements

• Substances made up of ONE type of atom

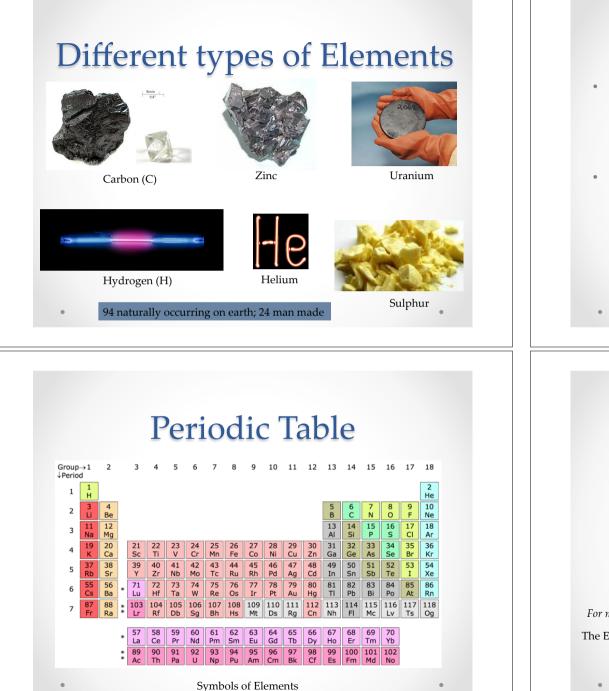




Copper atoms



Copper atoms



Metal or Non-metal?

- Examples
 - Aluminium
 Iron
 - Mercury
 - o Gold
 - o Silver
- Properties
 - o Shiny
 - o Solid at room temp
 - Conduct heat & electricity
 - Malleable
 - Hammer into sheets
 - Ductile
 - Stretched into wires

- Examples
- o Helium
- o Carbon
 - Burnt matches
- Bromine
 Properties



- Solid or gas at room temp
- Dull (not shiny)
- Do not conduct heat & electricity
- o Brittle
 - Break easily

Resources on Moodle

Interactive Periodic table of elements <u>https://www.webelements.com</u>

The mystery elements <u>http://www.scootle.edu.au/ec/viewing/L2553/index.html</u>

Precious metals-video http://splash.abc.net.au/home#!/media/85492/

For next week

The Elements: Find the elements-Tests difference between a compound and an element http://www.scootle.edu.au/ec/viewing/L2550/index.html