Sci 9 CYU p 192 #9-15

9. Three properties you would find in a metal: ductile, malleable, high density, high mp and bp, high tensile strength, good conductors of heat and electricity, shiny.

10. Mercury is a metal that is a liquid an room temperature

11. Based on differences between metals and non-metals:

a) copper would conduct heat well

b) lead could be shiny

c) sulfur is a non-metal so would be a poor conductor of electricity

d) germanium is a metalloid

e) phosphorous is a non-metal and therefore not ductile

12. Argentum is Latin for silver so Argenta probably mined silver.

13. Non-metals would not make good jewellery because they are not shiny, ductile or malleable.

14. some elements are hard to find so probably quite scarce

15. Some elements have Greek origin:

a) water forming – hygrogen

b) light bearing – phosporous

c) stench – bromos – bromine

see <https://www.angelo.edu/faculty/kboudrea/periodic/hist_names.htm>

for full list.