

Metals, Noble gases and Nonmetals

- 1) What's the difference between a chemical and a physical property? Give two examples of each and explain how they are different.
- 2) Give four properties that are generally present in metals.
- 3) If steel (a metal) is hard and granite (a nonmetal) is hard, why don't we make automobile engines out of granite?
- 4) What do you understand by the following terms :
 - a) Malleable
 - b) Lustre
 - c) Ductile
- 5) Which is the hardest substance found on earth?
- 6) State 5 uses of Iron.
- 7) Give applications of the following Noble gases in daily life:
 - (i) Helium
 - (ii) Neon
 - (iii) Argon
 - (iv) Krypton
- 8) State which elements are used for making the following substances:
 - A) Pencils - _____
 - B) Gold earrings: - _____
 - C) The body of aircrafts and cars - _____
 - D) vessels that we use in the house - _____
 - E) The gas that is used in lighting street bulbs- _____
 - F) The head light of a modified car - _____
 - G) The lightest gas - _____
- 9) Give differences between metal and non metal with examples.
- 10) Write down the symbols for all the examples of elements you have studied from metals, nonmetals and noble gases. (mentioned from the powerpoint).