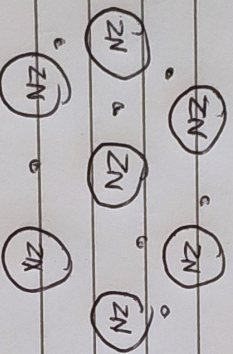


Question 2

- a) Metallic bonding consists of closely packed atoms which share electrons ~~for~~ with the other atoms. The ~~sets~~ outer shells of atoms overlaps each other causing them to share electrons, the electron are also free to move between atoms affecting the valency which can be different at any moment.

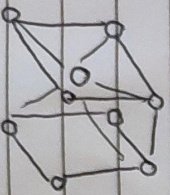
Diagram of Zinc



Metals with valency of 2 are stronger because they can bond with 2 ~~atoms~~ other atoms at any time comparing to ~~47~~ atoms with valency of 1.

b)

~~BCC~~ BCC



- Has 8 atoms in ~~at~~ each corner and one in the middle equalling to consist as 3 full atoms as atoms in the ~~corners~~ corners are counted as quarters