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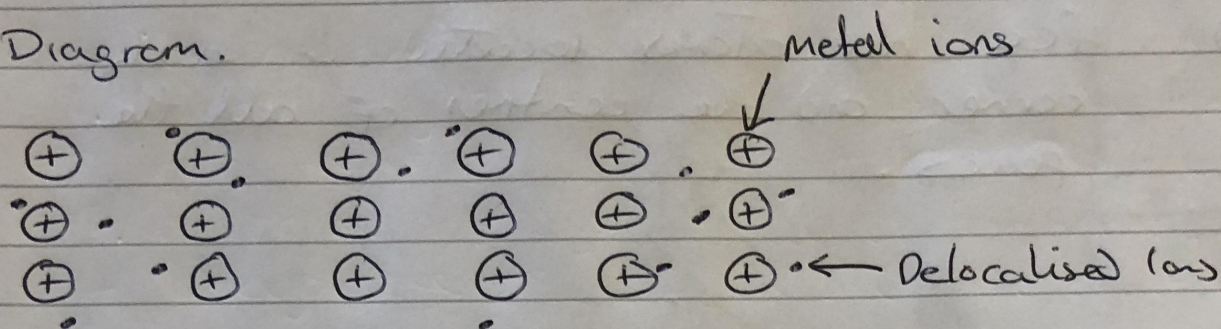
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Student 1909134

Module ACMA 4000 - Materials + Introduction to Processing

Question 2 (a)

Diagram.



Metallic bonding is the type of bond between metal atoms. So when metal bonds to metal you can see the structure above. There is electrostatic attraction between the metal ions and the Delocalised ions, it's that attraction that we call metallic bonding.

(b) A valence electron is in the outer shell.

Metals would be stronger with 2 of these, rather than just one as ions will become more positive causing greater density