

The first week
First year of middle school
Unit one
Lesson one
Classroom performance

The following table shows some materials & their properties.

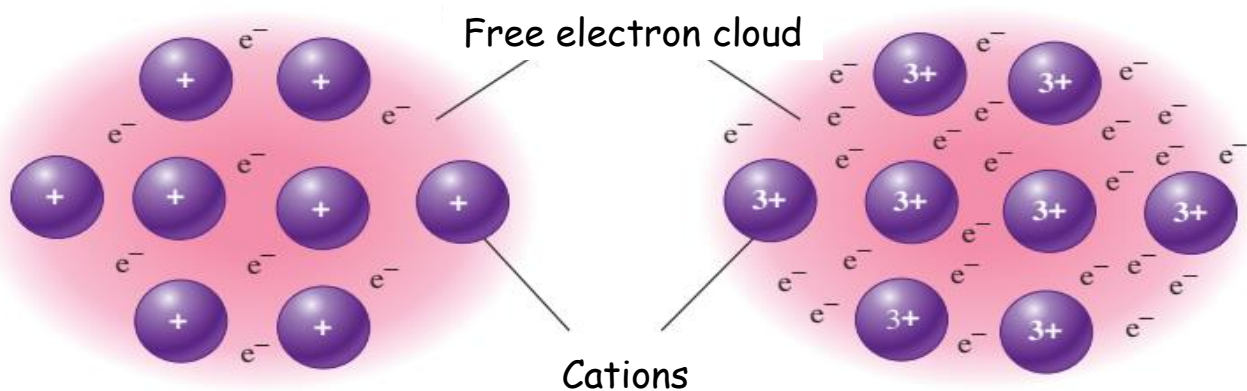
A- Choose from column (B, C, D) what matches column (A)

B -Then determine which one is a metal and which one is a non-metal?
and why?

Element	Physical state	Electric conductivity	The colour
1- Oxygen	Solid	Good conductor	Black
2- Gold	Liquid	Bad conductor	Colourless
3- Carbon	Gas	Bad conductor	Yellow
4- Bromine	Solid	Good conductor	Waxy white
5- Nitrogen	Solid	Bad conductor	Silver
6- Mercury	Gas	Bad conductor	Colourless
7- Phosphorus	Liquid	Good conductor	Red



The following figure shows a bond between two different elements:



1- What are the types of the two elements in the figure? And why?

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2- What is the valency of each?

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3- What is the type of bond in both of them?

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4- Which is stronger in terms of bond? And why?

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