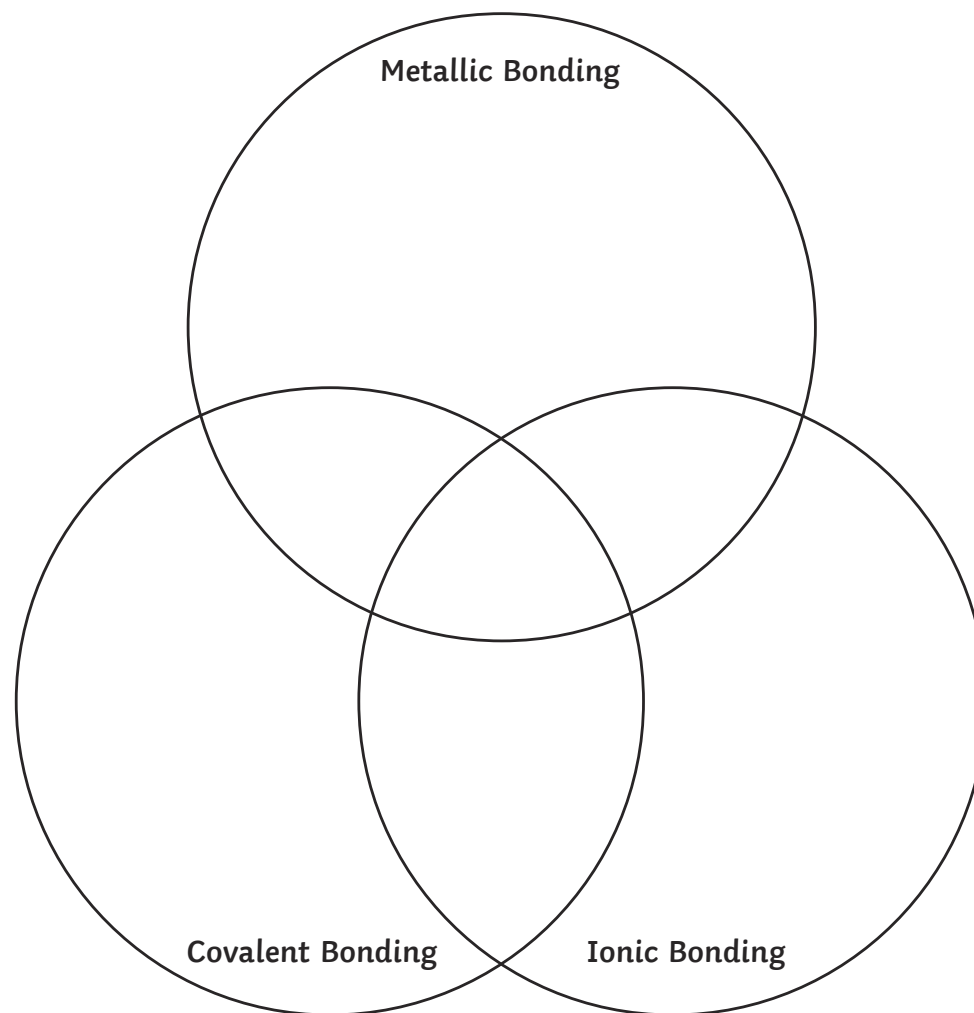


# Comparing Types of Bonding

**Instructions:** The numbered statements below are all facts about one or more of the types of bonding we have covered. Can you arrange these statements into the Venn diagram to show which type(s) of bonding they refer to? (You can just use the number.)

1. Between metal and non-metal atoms.
2. Between metal atoms.
3. Between non-metal atoms.
4. Electrons are transferred.
5. Electrons are shared.
6. There is a 'sea' of delocalised electrons.
7. Can form a giant repeating lattice structure.
8. Do not conduct electricity apart from graphite, graphene and nanotubes.
9. Do not conduct electricity apart from when molten or dissolved.
10. Can conduct electricity.
11. Involves electrostatic forces between positively and negatively charged particles.
12. Aiming for a full outer shell of electrons to increase stability.



# Comparing Types of Bonding Answers

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