

## Match IT

Draw lines to match up the key words with the definitions.

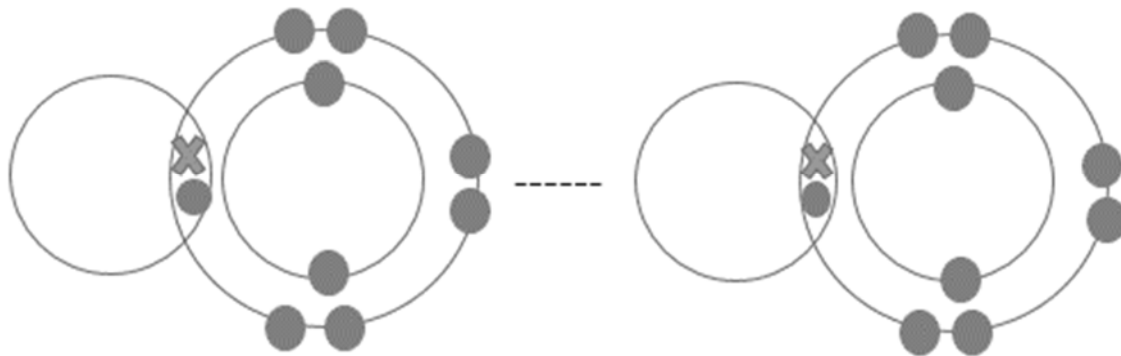
Ion	Regular, 3D pattern of ions held together by electrostatic attraction
Ionic bond	Weak force between different molecules
Lattice	Force of attraction between positively charged metal ions and delocalised electrons
Covalent bond	Force between oppositely charged ions
Molecule	A charged particle
Intermolecular force	Particle made up of two or more atoms chemically bonded together
Metallic bond	Electron that is free to move throughout a structure
Electrostatic attraction	Strong force of electrostatic attraction between oppositely charged ions
Delocalised electron	Shared pair of electrons that holds two atoms together

## Label IT

Label the diagram.

Write as much as you can about the type of bonding that this dot and cross diagram shows.

Use the information in the diagram to identify the elements.

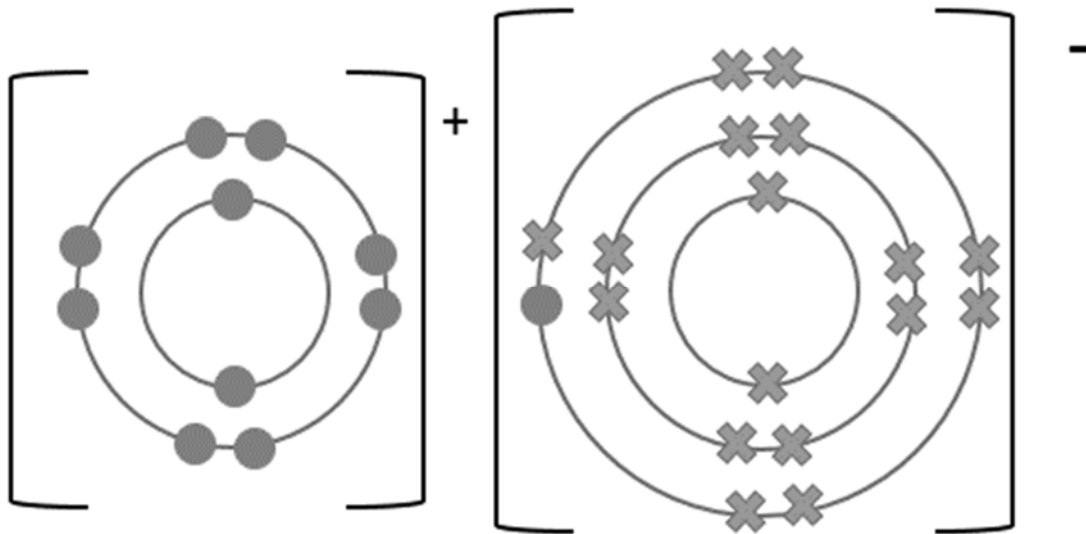


## Label IT

Label the diagram.

Write as much as you can about the type of bonding that this dot and cross diagram shows.

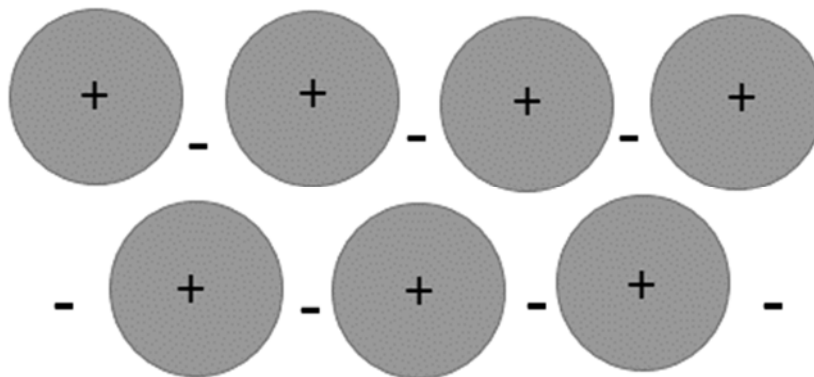
Use the information in the diagram to identify the ions.



## Label IT

Label the diagram.

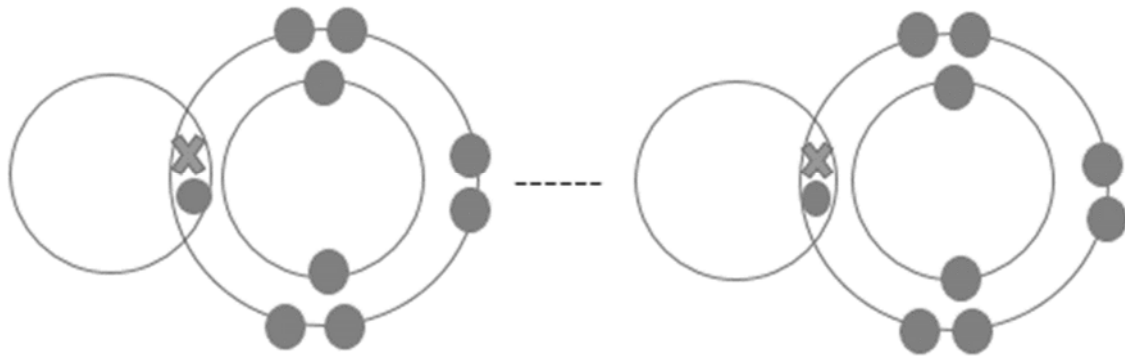
Write as much as you can about the type of bonding that this diagram shows.



## Match IT and Label IT

Match the key word to the definition.

Use the key words to label the diagram.



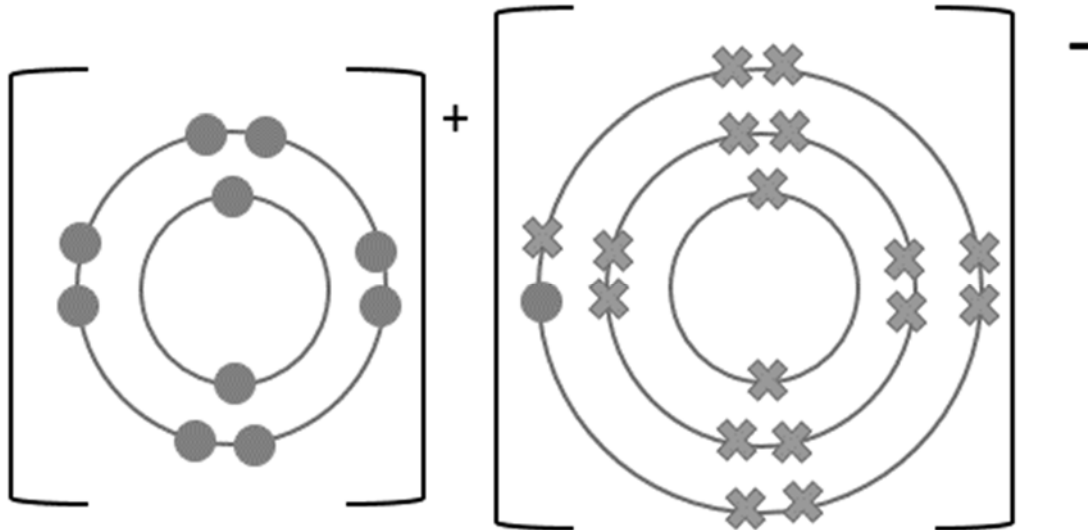
Electron
Covalent bond
Molecule
Intermolecular force

Weak force between different molecules
Negatively charged subatomic particle
Particle made up of two or more atoms chemically bonded together
Shared pair of electrons that holds two atoms together

## Match IT and Label IT

Match the key word to the definition.

Use the key words to label the diagram.



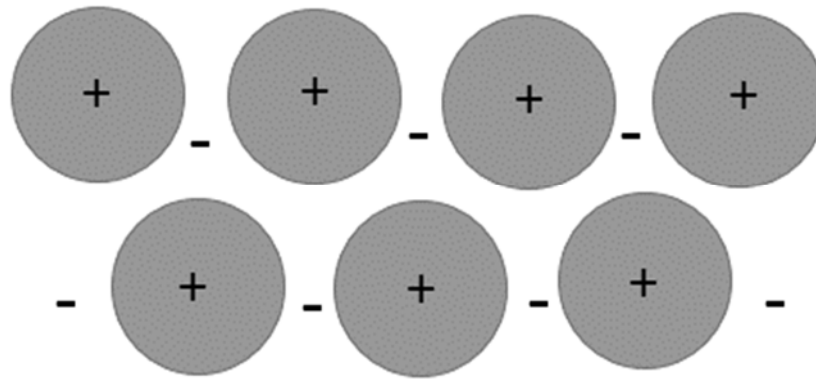
Ion
Lattice
Ionic bond
Electrostatic attraction

Regular, 3D pattern of ions held together by electrostatic attraction
Strong force of electrostatic attraction between oppositely charged ions
A charged particle
Force between oppositely charged ions

## Match IT and Label IT

Match the key word to the definition.










Use the key words to label the diagram.



Delocalised electron
Metallic bond
Ion
Lattice
Electron

Force of attraction between positively charged metal ions and delocalised electrons in a metal
Regular, 3D pattern of ions held together by electrostatic attraction
Negatively charged subatomic particle
A charged particle
Electron that is free to move throughout a structure

## Dominoes

Force between oppositely charged ions	Ion 
A charged particle	Intermolecular force 
Weak force between different molecules	Electron 
Negatively charged subatomic particle	Lattice 
Regular, 3D pattern of ions held together by electrostatic attraction	Ionic bond 
Strong force of electrostatic attraction between oppositely charged ions	Molecule 
Particle made up of two or more atoms chemically bonded together	Delocalised electron 
Electron that is free to move throughout a structure	Metallic bond 
Force of attraction between positively charged metal ions and delocalised electrons in a metal	Covalent bond 
Shared pair of electrons that holds two atoms together	Electrostatic attraction 