

Name - _____

Start time - __ : __

End time - __ : __

Describe the factors that influence the type of bond formed between atoms.

Describe the formation of ionic compounds, including the transfer of electrons between atoms.

Explain the properties of ionic compounds, including their structure, high melting and boiling points, and ability to conduct electricity.

Explain the difference between an ionic bond and a covalent bond. Provide an example of each.

Fill in the blanks with the appropriate words:

a) An ionic bond is formed between a _____ and a _____.

b) In a covalent bond, atoms _____ electrons.

c) A molecule of water (H₂O) is an example of a _____ compound.

a b c d e f g h i j k l m n o p q r s t u v w x y z