

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Ionic and Covalent bonding

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| 1. A polymer is  | A. positively charged            |
| 2. Giant covalent structures are                         | B. allotropes of carbon          |
| 3. Graphite, Diamond, graphene and fullerenes are        | C. electrostatic forces          |
| 4. ionic compounds have                                  | D. conductors of electricity     |
| 5. Forces between covalent molecules are                 | E. there are no free electrons   |
| 6. when ionic compounds melt they are                    | F. macromolecules                |
| 7. covalent molecules do not conduct electricity because | G. a chain of smaller molecules  |
| 8. An electron is  | H. high melting & boiling points |
| 9. A proton is   | I. negatively charged            |
| 10. Ionic compounds form giant ionic lattices due to     | J. very weak                     |