Bonding and the properties of matter

States of matter



Label the diagrams Solid, Liquid and Gas

  

1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | High melting point | Low melting point | Soluble in water (usually) | Solid conducts electricity  | Liquid conducts electricity |
| Metal | Some | Some | No | Yes | yes |
| Ionic compound |  |  |  |  |  |
| Simple covalent compound |  |  |  |  |  |
| Polymer |  |  |  |  |  |

Fill in the table