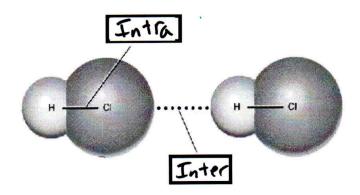


1. When you melt an ionic substance what type of bond do you break? **Tonic**

When you melt a network covalent bond what type of bond do you break? Covalent

When you melt a molecular solid what type of bond do you break? TMF



What is the difference between an intermolecular force and an intramolecular force? (coval ent)

Student hypothesis: A substance is a solid at room: together. The reason they stick together is they really like each other. Justify or nullify?

Nullify: Neveruse human likness to describe chemistry

7. What is the only reason two molecules would stick together? - large IMF.

What is needed for a hydrogen bond to occu

See picture

9. What is needed for London dispersion force to occur? If

- electrons, every substance has, But more LDF if

10. Indicate the type of force that is causing the substance to be a solid/liquid or gas? Order them from highest to lowest melting point.

What Breaks when melted

MgCl₂
Ton:L
LDF

Covalent
LDF

Covalent
LDF

Covalent
LDF

Covalent
LDF

Covalent
LDF