1. When you melt an ionic substance what type of bond do you break? 2. When you melt a network covalent bond what type of bond do you break? 3. When you melt a molecular solid what type of bond do you break? Mitermolecular Label the type of force above (intermolecular/intramolecular) 5. What is the difference between an intermolecular force and an intramolecular force? Switzpala ) betugen 6. Student hypothesis: A substance is a solid at room temperature because molecules stick together. They reason they stick together is they really like each other. Justify or nullify? nullify molecules "stick together due to 7. What is the only reason two molecules would stick together? 8. What is needed for a hydrogen bond to occur? - polarity in the second of 2 deference in the cause.

9. What is needed for London dispersion force to occur? nad nonpolar molecules 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.