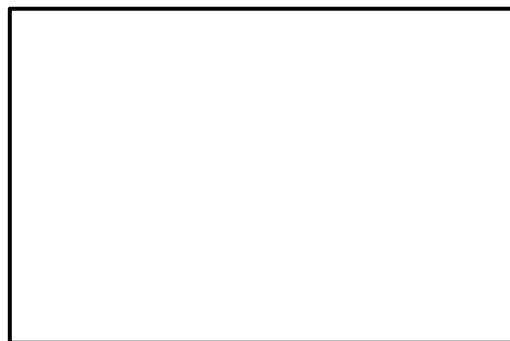


1. Helium melts at around 4K, hydrogen boils at around 20K, but the hydrogen molecules do not form hydrogen atoms until the temperature reaches over 6000K (as shown on page 8 of the simulation). For each – draw a molecular level picture and explain what you are trying to show.

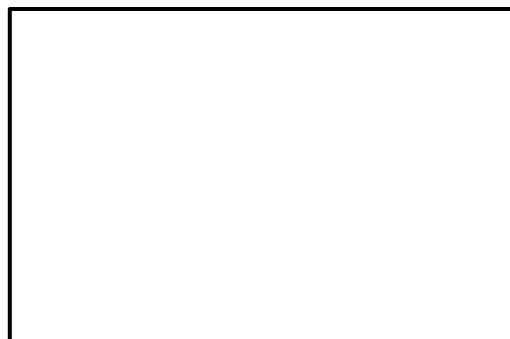
A. Draw a picture of what **helium** looks like below 1K



B. Draw a picture of what **hydrogen** looks like at 1K



C. Draw a picture of what **hydrogen** looks like at 200K



D. Draw a picture of what **hydrogen** looks like at 7000K

