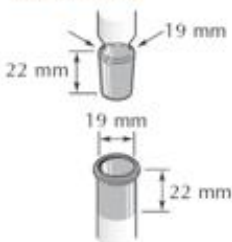


DIAGNÓSTICO INGLÉS TÉCNICO

1. Identificar oraciones en distinto tiempo verbal. Escribirlas en castellano coherente.
2. Analizar tres transparencias, tres terminaciones -ing y tres terminaciones -ed
3. Identificar un adjetivo, un comparativo y un superlativo.
4. Identificar oraciones en voz pasiva y escribirlas en castellano coherente.
5. Unir los epígrafes con el diagrama correspondiente justificando la elección.

Greasing Ground Glass Joints

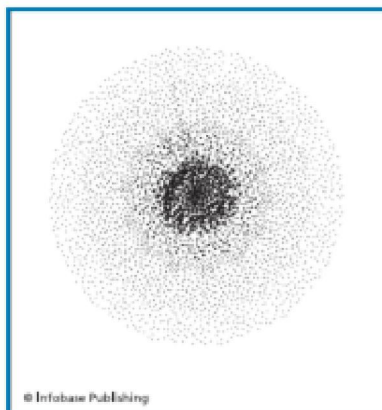


Because standard taper joints fit together tightly, they are not always put together dry but are often coated with a lubricating grease. The grease prevents interaction of the ground glass joints with the chemicals used in the experiment that can cause the joints to "freeze," or stick together. Taking apart stuck joints, although not impossible, is often not an easy task, and standard taper glassware (which is expensive) frequently is broken in the process. **Note:** Microscale glassware with ground glass joints is never greased unless the reaction involves strong bases such as sodium hydroxide or sodium methoxide.

HELIUM AND THE OCTET RULE

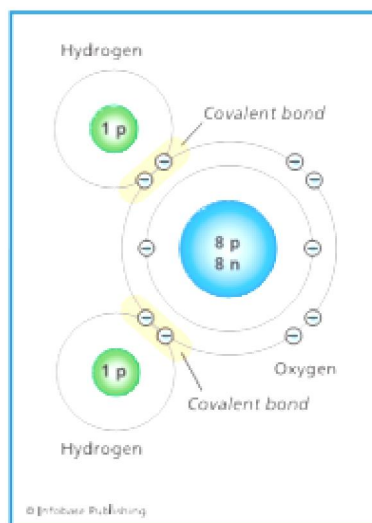
Helium does not have eight electrons in its highest energy level because it only has one energy level. This first energy level can only hold two electrons and then it is full. Since helium only has two electrons, its highest energy level contains the most electrons it can hold. That is why helium is still considered a noble gas and why it is, essentially, inert.

Figure 3.5 The sharing of electrons between two atoms is known as a covalent bond. Water (H_2O) is an example of a molecule in which the atoms form covalent bonds.



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Figure 3.3 The quantum mechanical model states that individual electrons do not orbit around the nucleus in exact paths but instead are located in an "electron cloud." The electron cloud indicates the probable location of an electron at a given moment. The darker the area, the more likely an electron will be found there.



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