37. Answer "True" or "False" if the statement accurately describes a solid.

a. _____ The substance should not have a definite shape that contains particles moving at such high speeds that the matter is neither positively or negatively charged.

b. _____ The substance should be a definite shape that has particles closely packed together and are constantly vibrating but do not slip past one another.

c. _____ The substance should take the shape of the container it is in with particles that are not in contact with one another that move randomly, bumping into one another.

d. _____ The substance should not have a definite shape that has particles in contact with one another that can slide over one another.

38.Answer "True" or "False" if you could test each property if you had a flame.

a. _____ Reactivity with an acid

b. _____ Combustibility or burning

c. _____ Solubility

d. _____ Reactivity with a base

LIVEWORKSHEETS