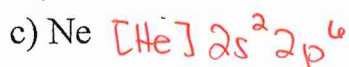
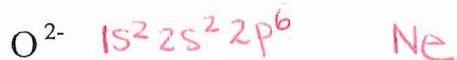


Electron Configuration

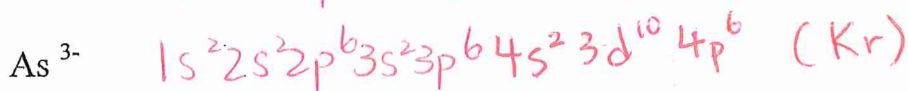
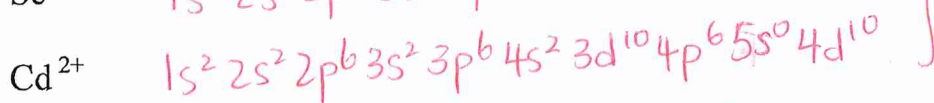
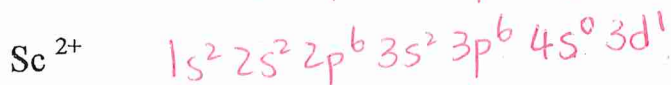
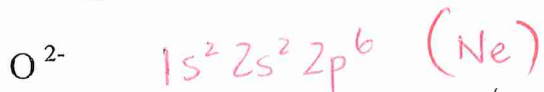
1. Write the electron configuration for the following: (use core notation)



2. With which noble gas are the following ions isoelectronic?

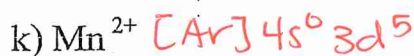
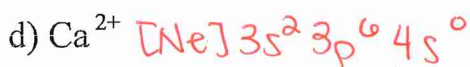
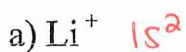


3. Write the electron configuration for each of the following ions: O^{2-} , Mg^{2+} , Cl^- , Sc^{2+} , Cd^{2+} , As^{3-} . Which elements do the electron configurations of these ions resemble?



} don't resemble any element

4. Write the electron configuration for the following: (use core notation)



5. Write the electron configuration for the following ions.

