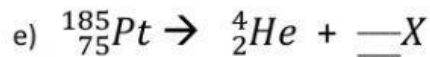
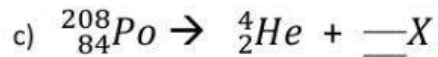
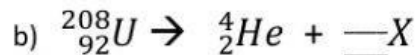


Nuclear Equations

1. Each of these elements are undergoing alpha decay. An alpha particle is made of 2 neutrons and 2 protons. Its symbol is either α or He (for helium, because helium also has 2 neutrons and 2 protons).

Fill in the gaps for atomic mass and proton number for each of the elements marked X:



2. These elements are going through beta decay. A beta particle is the same as an electron, which has next to no mass and has a charge of -1.

Fill in the gaps for atomic mass and proton number for each of the elements marked X:

