Below are several fission reactions. Fill in the missing positions.

$$^{235}_{92}U + ^{1}_{0}n \rightarrow ^{144}_{56}Ba + \quad + 3^{1}_{0}n$$

$$^{235}_{92}U + ^{1}_{0}n \rightarrow ^{137}_{52}Te + \quad + 2^{1}_{0}n$$

$$^{235}_{92}U + ^{1}_{0}n \rightarrow \quad + ^{137}_{55}Cs + 3^{1}_{0}n$$

$$^{235}_{92}U + ^{1}_{0}n \rightarrow ^{90}_{38}Sr + \quad + ^{1}_{0}n$$

$$\quad + ^{1}_{0}n \rightarrow ^{140}_{58}Ce + ^{94}_{36}Kr + 2^{1}_{0}n$$

$$^{239}_{94}Pu + ^{1}_{0}n \rightarrow$$

$$^{239}_{94}Pu \rightarrow \quad + ^{90}_{38}Sr$$

$$^{239}_{94}Pu \rightarrow ^{3}_{1}H + ^{4}_{2}He \rightarrow \quad + ^{1}_{0}n$$

$$^{239}_{94}Pu \rightarrow ^{3}_{1}H + \quad$$

$$^{3}_{1}H + ^{3}_{1}H \rightarrow \quad + ^{1}_{0}n$$

$$^{3}_{1}He + \quad \rightarrow ^{3}_{1}H + \quad$$

$$^{14}_{6}C \rightarrow \quad + ^{14}_{7}N$$

$$^{14}_{6}C + \quad \rightarrow ^{3}_{1}H + \quad$$

1. Write the nuclear equation for the decay of Po-210 if it undergoes 2 consecutive alpha decays followed by a Beta decay followed by another alpha decay.

2. Write the nuclear equation for the release of a beta positron by Po-210.