

- 30** The nuclide $^{238}_{92}\text{U}$ emits an α -particle. The resulting nuclide decays by emitting a β -particle to form a new nuclide.

What are the neutron number and the proton number of the new nuclide?

	neutron number	proton number
A	234	91
B	234	90
C	143	91
D	143	90