

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

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

	neutron number	proton number
<b>A</b>	234	91
<b>B</b>	234	90
<b>C</b>	143	91
<b>D</b>	143	90