

**39**  $\text{U}^{++}$  is a doubly-ionised uranium atom. The uranium atom has a nucleon number of 235 and a proton number of 92.

In a simple model of the atom, how many particles are in this ionised atom?

**A** 235

**B** 325

**C** 327

**D** 329

**40** The grid shows a number of nuclides arranged according to the number of protons and the