

- 39** The number of electrons in a neutral atom of an isotope of plutonium,  $^{239}_{94}\text{Pu}$ , is changed to produce a charged atom (ion) W.

W has an overall charge of  $+1.6 \times 10^{-19} \text{ C}$ .

How many protons, neutrons and electrons are in W?

	protons	neutrons	electrons
<b>A</b>	94	145	93
<b>B</b>	94	145	95
<b>C</b>	238	94	239
<b>D</b>	239	94	238