

**38** An atomic nucleus emits a  $\beta$ -particle.

What change does this cause to the proton and nucleon numbers of the nucleus?

	proton number	nucleon number
<b>A</b>	-1	+1
<b>B</b>	0	-1
<b>C</b>	+1	-1
<b>D</b>	+1	0