

- 39** The nucleus of one of the isotopes of nickel is represented by  $^{60}_{28}\text{Ni}$ .

Which line in the table correctly describes a neutral atom of this isotope?

	number of protons	number of neutrons	number of orbital electrons
<b>A</b>	28	32	28
<b>B</b>	28	60	28
<b>C</b>	60	28	28
<b>D</b>	60	32	32

- 40** A nucleus of bhabrium  $^{260}\text{Bh}$  decays to mendelevium  $^{255}\text{Md}$  by a sequence of three  $\alpha$ -particle