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

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

	number of protons	number of neutrons	number of orbital electrons
A	28	32	28
B	28	60	28
C	60	28	28
D	60	32	32

40 A nucleus of bohrium $^{x}_{y}Bh$ decays to mendelevium $^{255}_{101}Md$ by a sequence of three α-particle emissions.

bohrium $^{x}_{y}Bh \longrightarrow$ dubnium + α

$\longrightarrow$ lawrencium + α

$\longrightarrow$ mendelevium $^{255}_{101}Md$ + α

How many neutrons are there in a nucleus of $^{x}_{y}Bh$?

A 267

B 261

C 160

D 154