

◇ Now answer page 75 question 68

Different elements same mass number

Each element must have a different atomic number (see periodic table), but they can share the same mass number.

- 1 Look at the table on page 8 (either one) from the chemistry data booklet. Can you see some elements which share the same mass number.

_____ and _____

_____ and _____

- 2 For the above examples write the symbols together with atomic and mass numbers in the conventional fashion ie.



Protons, neutrons and electrons

- 1 Complete this table

Particle	Mass	Charge	Symbol
Proton	1		p
Neutron			n
Electron	1 / 1840	-1	${}_{-1}^0\text{e}$

often just taken as **zero**