

Further examples

1. Which one is the highest occupied shell of silver?

2. What is the charge of the following subatomic particles (in units of electron charge ?

- electron
- proton
- neutron

What is the approx mass ratio between:
proton : electron

3. Complete the following table :

Symbol	$^{37}_{-}\text{Cl}$	^{40}Ar	
protons			21
neutrons			23
electrons			
valence electrons			21
charge			
family			

4. Natural carbon is composed of 98.90% C-12 and 1.10% C-13. What mass number do you expect?

An element E is composed of two isotopes, E-80 and E-84. The mean number of nucleons is 82,6. What is the ratio of the isotopes?

6. Find the correct names for the following families of elements denoted by the coloured blocks.

