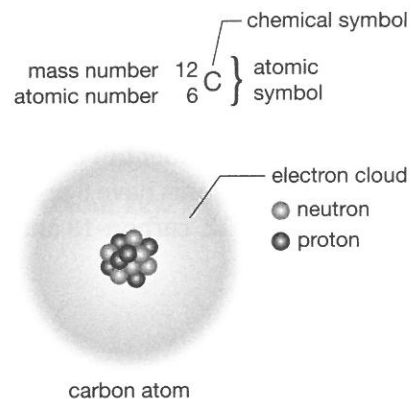


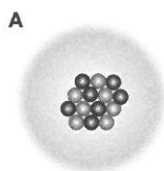
Science understanding

 Visual/spatial  Logical/mathematical

Scientists use atomic symbols to communicate information about an atom. The atomic symbol is made up of the chemical symbol for the atom, the atomic number and the mass number. The atomic symbol of the carbon atom is shown here.

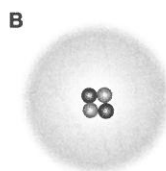


- 1 The atomic number is equal to the number of protons. The mass number is equal to the number of protons plus the number of neutrons. **Calculate** the number of protons and neutrons in the atoms below.



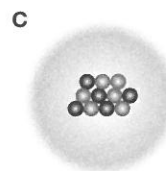
Protons = _____

Neutrons = _____



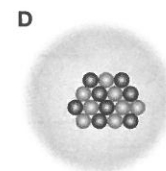
Protons = _____

Neutrons = _____



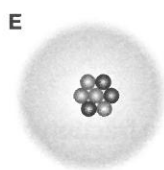
Protons = _____

Neutrons = _____



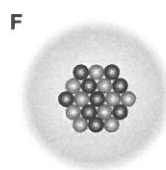
Protons = _____

Neutrons = _____



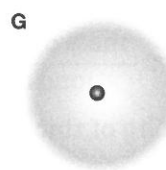
Protons = _____

Neutrons = _____



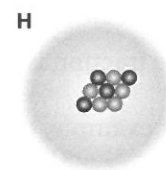
Protons = _____

Neutrons = _____



Protons = _____

Neutrons = _____



Protons = _____

Neutrons = _____

- 2 Match the letter for each atom in question 1 to its correct chemical symbol below.













