

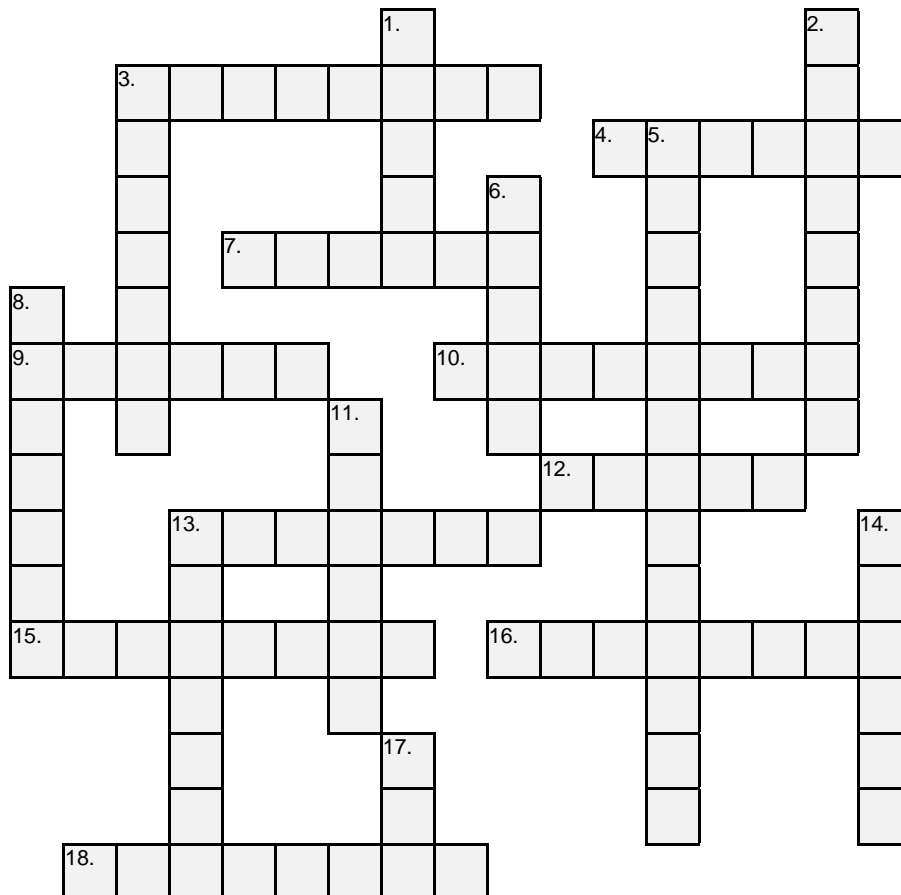
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Name: ()

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Crossword on Atomic Structure



Clues Across

- Electrons carry a charge (8).
- The number of electron shells an atom has equals the element's number in the Periodic Table (6).
- Particle with a charge of +1 and mass of 1 a.m.u. (6).
- The number of protons in the nucleus of an atom is the same as the element's number (6).
- Protons carry a charge (8).
- The number of electrons in the outer shell of an atom equals the element's number in the Periodic Table (5).
- Neutrons are because they carry no charge (7).
- Particle with a charge of -1 and a mass of $1/1836$ a.m.u. (8).
- The atomic mass of chlorine is 35.5 (8).
- A positively charged electron is called a (8).

Clues Down

- The second electron shell can hold a maximum number of electrons (5).
- Atoms with the same number of protons but a different number of neutrons are called (8).
- Particle with a charge of 0 and a mass of 1 a.m.u. (7).
- Positively and negatively charged particles are drawn towards each other by an force of attraction (13).
- A negatively charged ion is called an (5).
- The outermost electron shell is called the shell (7).
- A positively charged ion is called a (6).
- There is a small, dense at the centre of every atom (7).
- Electrons orbit around the atom in electron (6).
- The first (inner) electron shell can hold a maximum number of electrons (3).

- Scan the QR code below for the answers to this assignment.



http://www.chemist.sg/chemical_bonding/crossword_ans.pdf