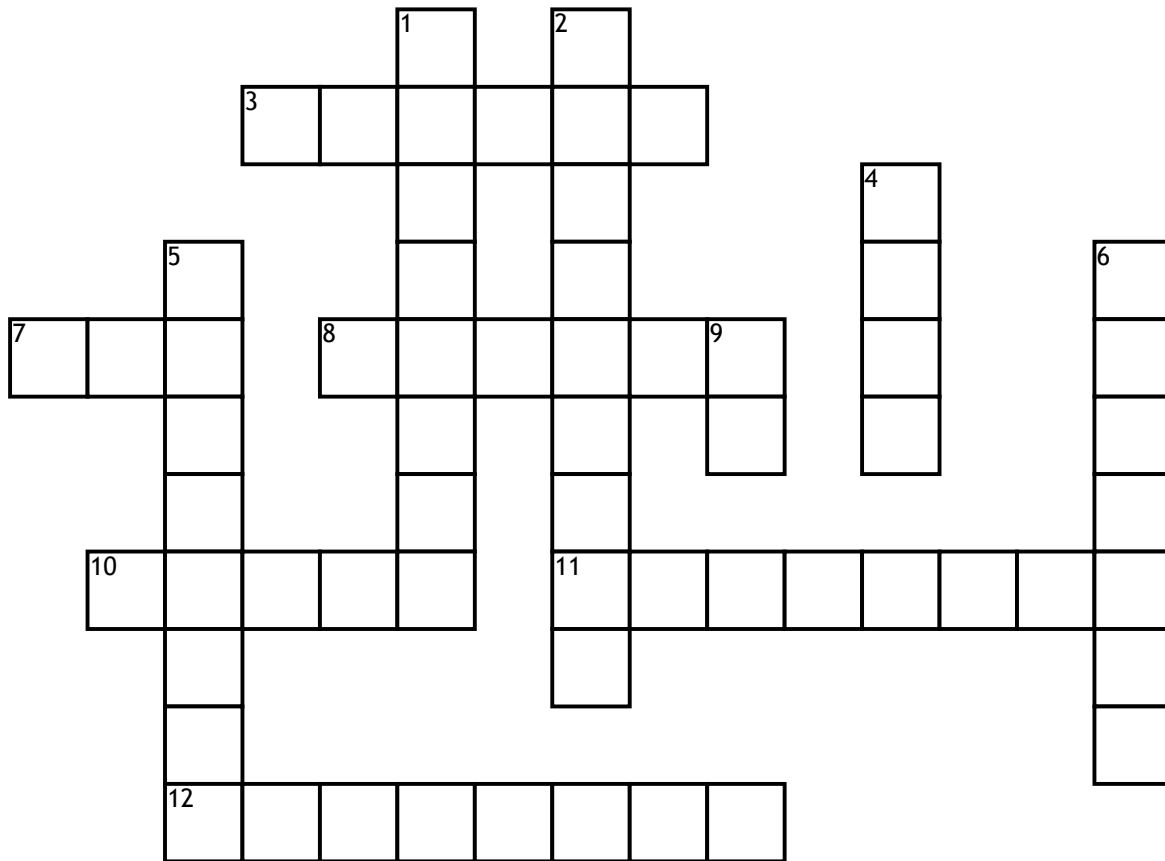


Structure of an atom



Across

3. In the atom the electrons are arranged in these

7. What is the maximum number of electrons in a first shell?

8. These exist in the nucleus of every atom and have a positive charge

10. Everything is made up of these

11. What charge does an electron have?

12. Which is smaller proton or electron?

Down

1. What are in the nucleus with protons?

2. These are negatively charged and arranged in shells around the nucleus

4. What is the total number of protons and neutrons called?

5. What charge does a proton have?

6. What is the name of the centre of an atom?

9. Does a neutron have a charge?