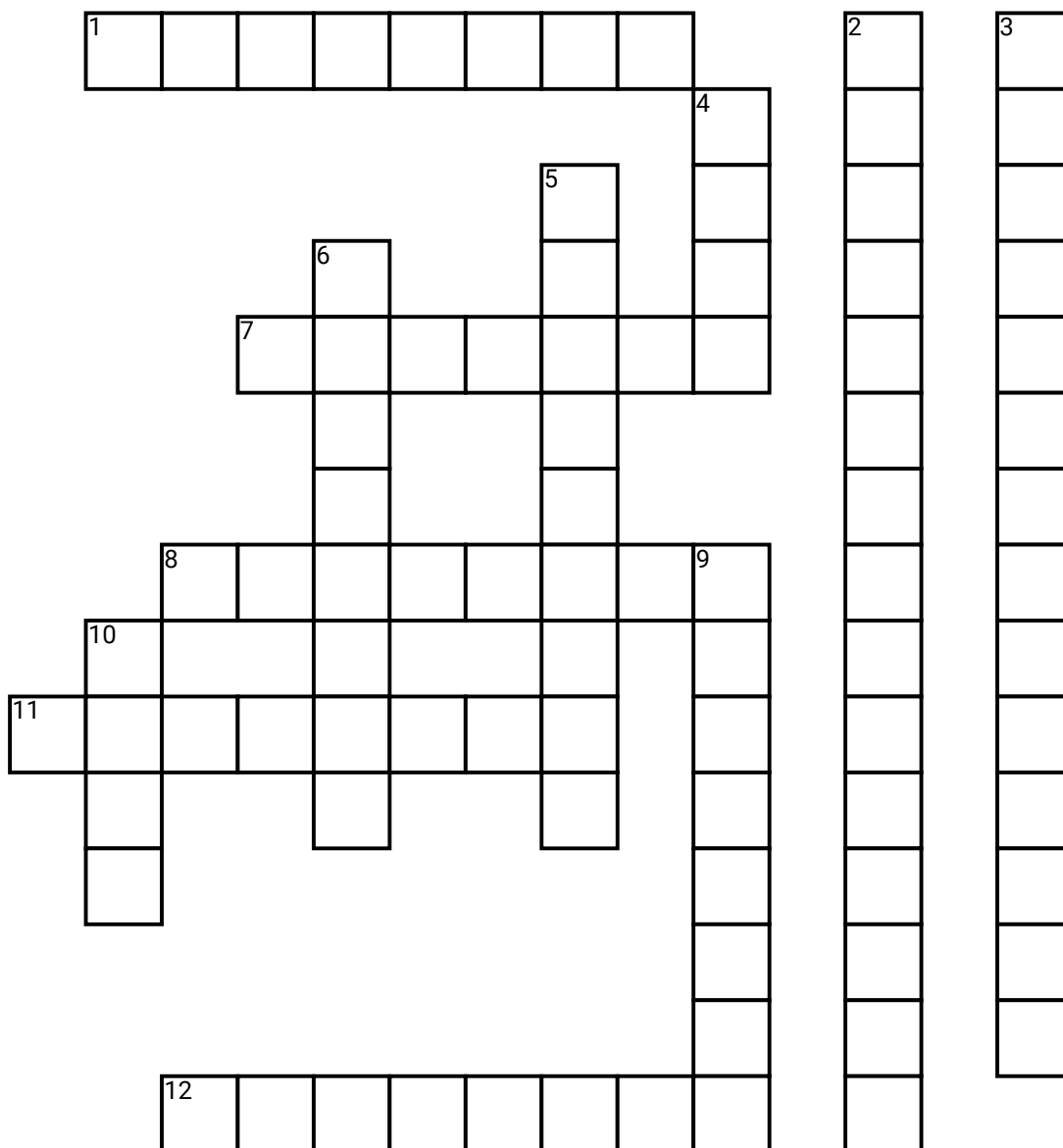


atomic structure quantum



Across

1. orbital that holds a maximum of 2 electrons
7. electrons in the outermost energy level
8. negative subatomic particle
11. holds a maximum of 6 electrons
12. probable space occupied by electrons

Down

2. electrons fill in lower energy levels fill such as the 1s
3. electrons fill orbitals with opposite spins
4. what are electrons in lower energy levels called

5. electrons filling subshells of equal energy, must fill one electron in each before electrons can pair with opposite spins
6. quantum number that reflects the number of orientations for each orbital
9. shorthand electron configuration
10. atomic model described electrons in a fixed location