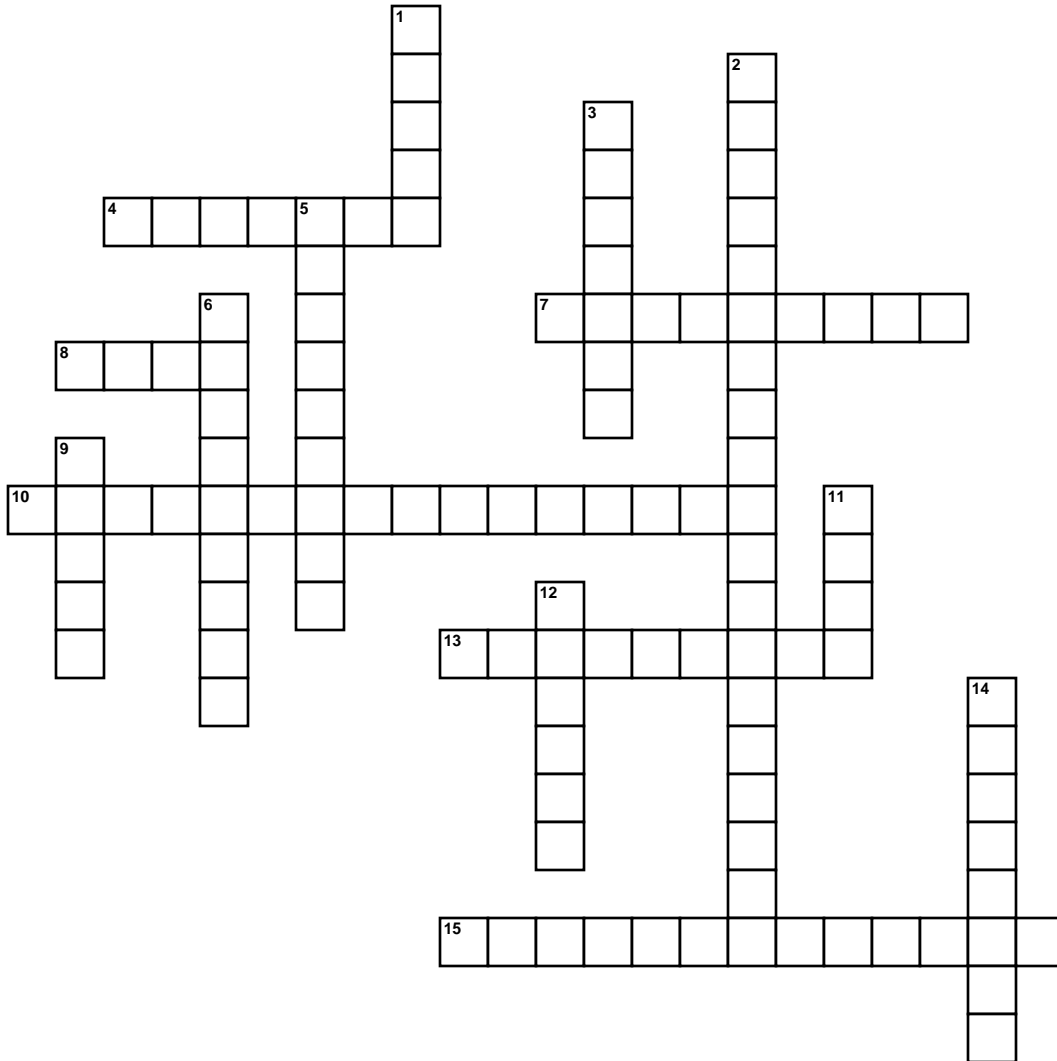# Crystal Structure

Across

[4] A parameter which means the dimension of a unit cell of a crystal

[7] Bragg's law is not useful in _____ Solids

[8] The empty space in the crystal structure is called

[10] Space lattice+ Basis

[13] A unit cell that contains lattice points only at the corners.

[15] Unit Cell for most of the crystal are

Down

[1] The crystal lattice has this arrangement

[2] The distance between two adjacent parallel planes is known as

[3] Highest the packing fraction of unit cell,--- will be the void space

[5] Amorphous solids have this structure

[6] A system of notation of planes within a crystal of space lattice

[9] Bragg's law is related with study of diffraction of.

[11] The miller indices of two parallel planes of crystal are:

[12] If the periodicity of the pattern extends throughout the crystal, then such type of solid is called as ___ crystalline solid

[14] the fundamental building block of the crystal structure

Solution

Across:

4. LATTICE
7. AMORPHOUS
8. VOID
10. CRYSTALSTRUCTURE
13. PRIMITIVE
15. PARALLELOPIPED

Down:

1. THREE
2. INTERPLANAR
3. MINIMUM
5. IRREGULAR
6. IDENTICAL
9. XRAYS
11. SAME
12. SINGLE
14. UNITCELL