

NCERT/CBSE CHEMISTRY CLASS 12 textbook

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Answers to NCERT/CBSE Chemistry (Class XII) textbook

1.8 How many lattice points are there in one unit cell of each of the following

lattice?

(i) Face-centred cubic

(ii) Face-centred tetragonal

(iii) Body-centred

(i) 8 lattice points at the corners of the cube and 6 lattice point, one each at the center of of the the 6 faces. A total of 10 lattice points.

(ii) 8 lattice points at the corners of the tetragonal and 6 lattice point, one each at the center of of the the 6 faces. A total of 10 lattice points.

(iii) 8 lattice points at the corners of the cube and one lattice point at the center of the cube.

Please do not copy the answer given here

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