

Answer on Question #41370 - Chemistry - Other

Question:

The co-ordination no. of F⁻ in CaF₂ is :-
(1) 3 (2) 4 (3) 6 (4) 8

Answer: (2) 4

The fluorite CaF₂ has the crystal lattice in which the vertices are ions Ca²⁺ and F⁻. The fluorine ions are surrounded with 4 Ca²⁺ ions, so the coordination number of fluorine is 4.

