















Structure Name	Standard		Coordination		
	Type	Anion Packing	Cation	Anion	Examples
Rock salt (sodium chloride)	AX	FCC	6	6	NaCl, MgO, FeO
Cesium chloride	AX	Simple cubic	8	8	CsCl
Zinc blende (sphalerite)	AX	FCC	4	4	ZnS, SiC
Fluorite	$AX_2$	Simple cubic	8	4	CaF <sub>2</sub> , UO <sub>2</sub> , ThO <sub>2</sub>
Perovskite	$ABX_3$	FCĈ	12(A) 6(B)	6	BaTiO <sub>3</sub> , SrZrO <sub>3</sub> , SrSnO <sub>3</sub>
Spinel	$AB_2X_4$	FCC	4(A) 6(B)	4	MgAl <sub>2</sub> O <sub>4</sub> , FeAl <sub>2</sub> O <sub>4</sub>









