(a) 

(b) 

above the plane

below the plane

in the plane
\[ Ti: 0,0,0; 1/2,1/2,1/2 \]
\[ Al: 0,0,1/2; 1/2,1/2,0 \]
\[ Al: 0,1/2,1/4; 1/2,0,1/4 \]
\[ 1/2,0,3/4; 0,1/2,3/4 \]
Spalerite, B3
ZnS

layered tetragonal, L1₀
InGaAs₂

Luzonite, H₂₄
Cu₃AsS₄

Chalcopyrite, E₁₁
CuFeS₂

Fematinite, H₂₈
Cu₃SbS₄

layered tetragonal, L₁₁
(CrCuS₂) NaVS₂
[001] ○

shaded tetrahedra at $z = 1/2$

open tetrahedra at $z = 0$ and $1$