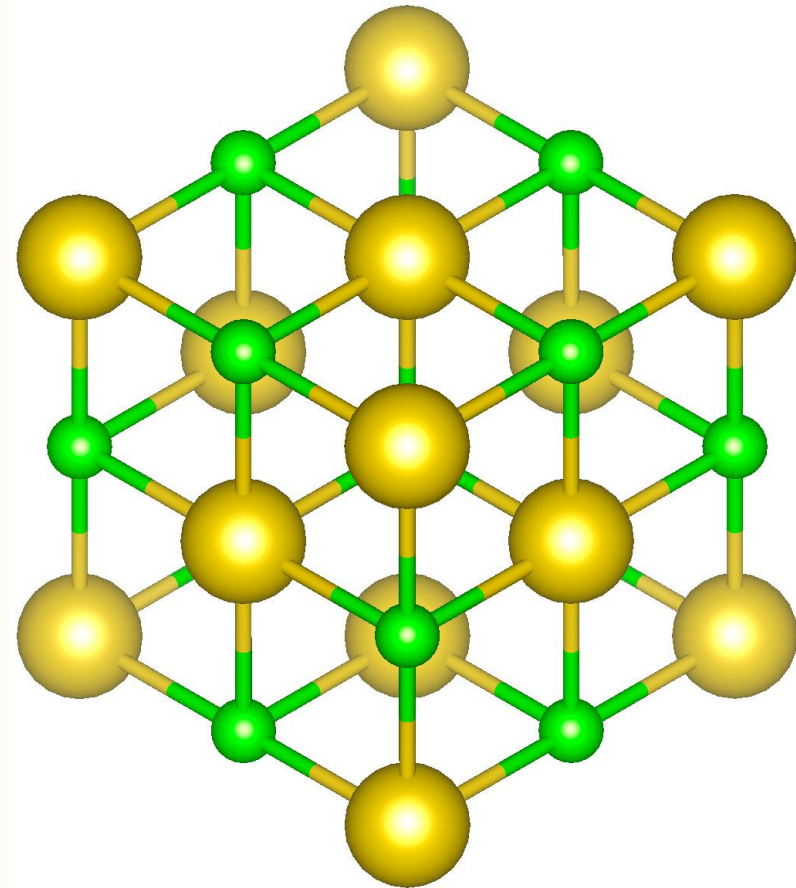
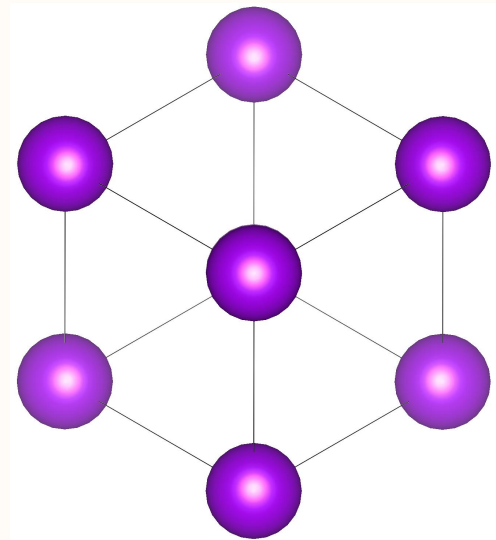
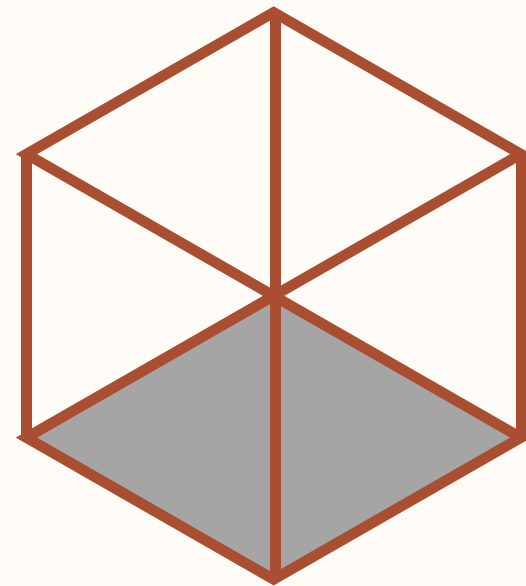
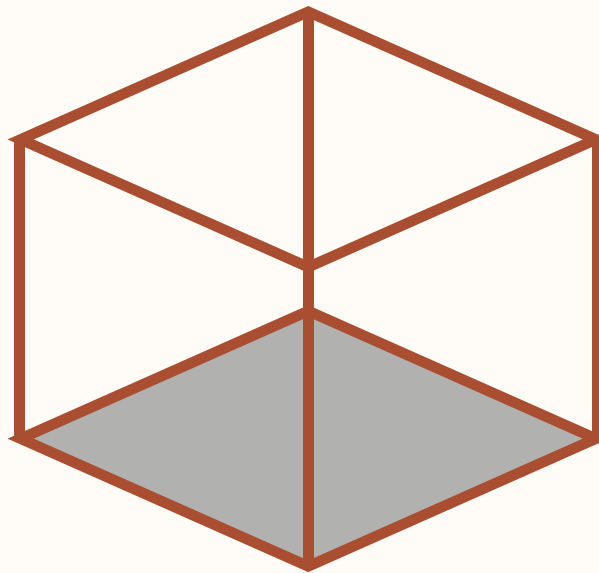
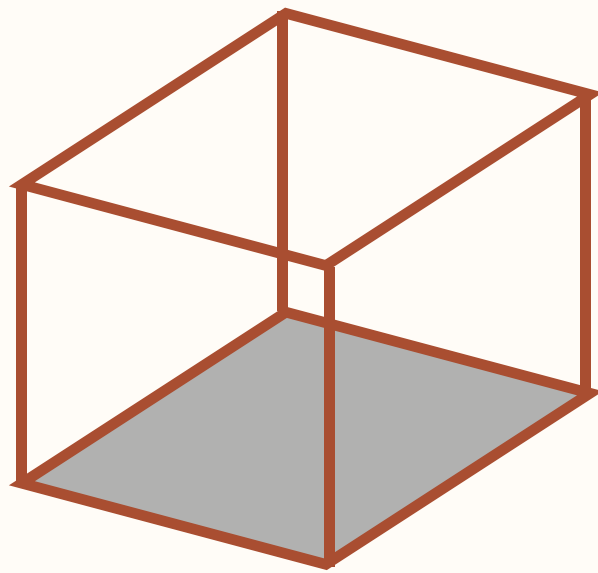
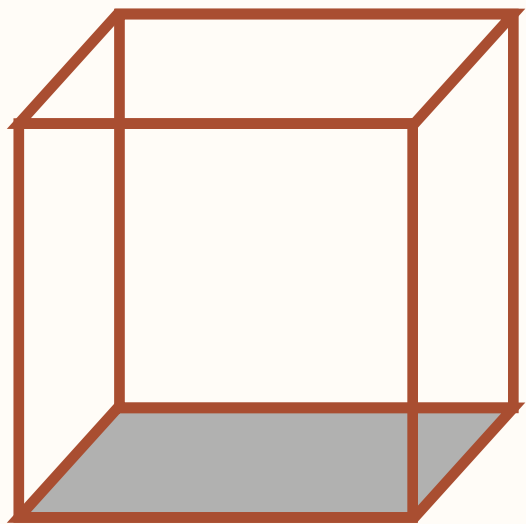


# 晶胞体对角线 投影图



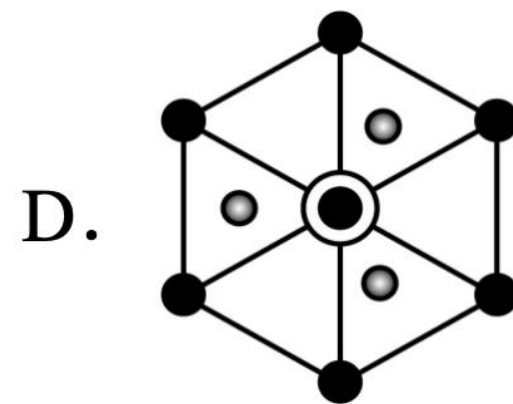
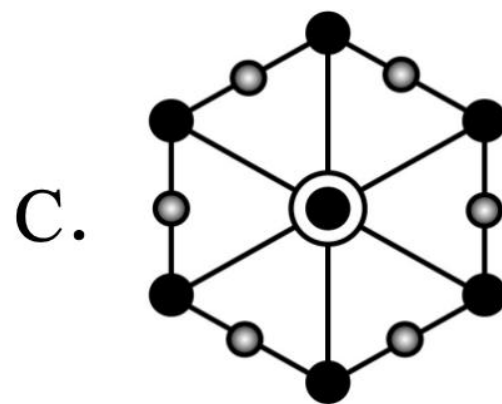
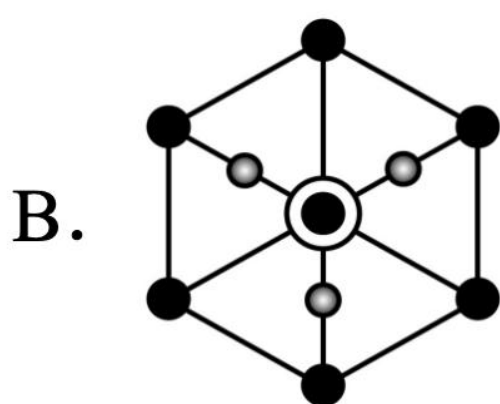
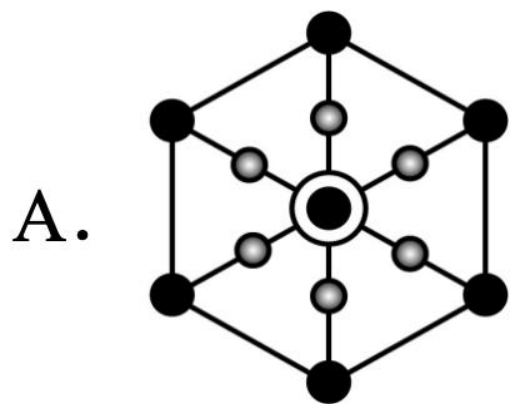
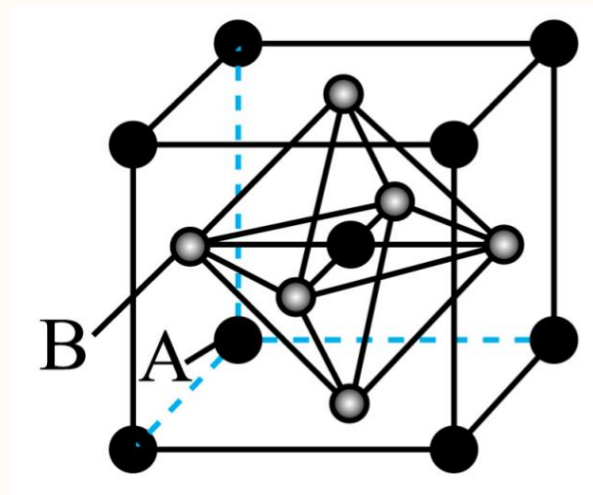
01

# 方法

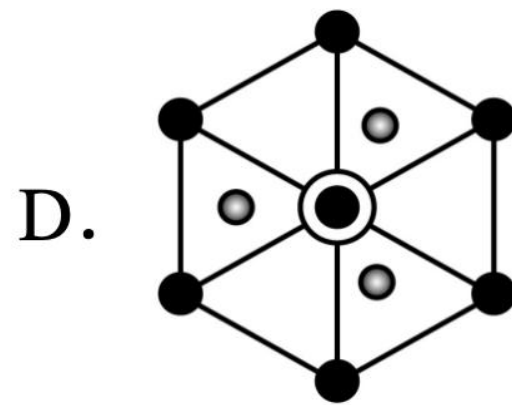
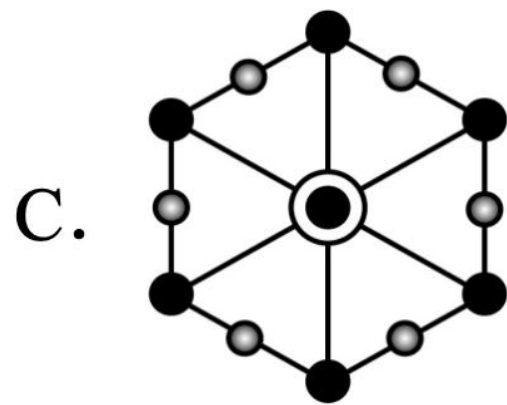
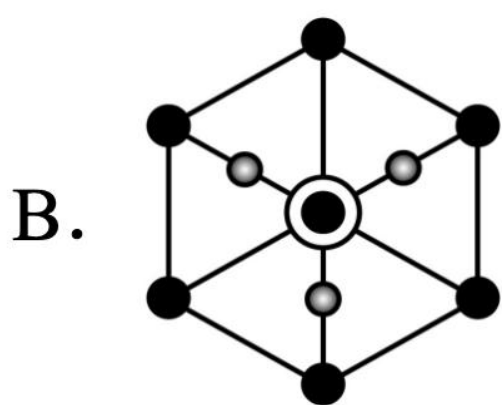
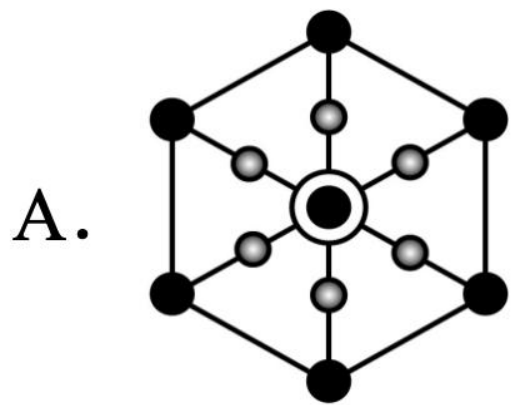
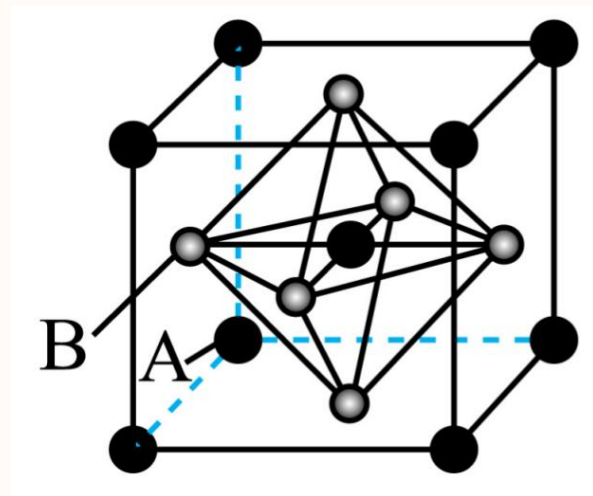
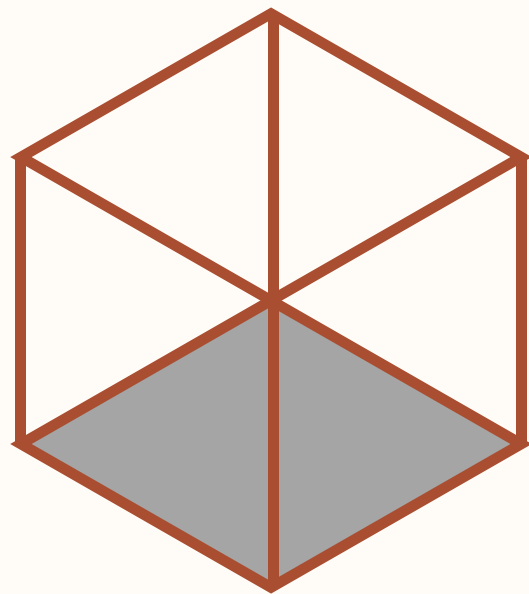


## 02 例题

1. (2025·日照一模) 某碱土金属防锈颜料的晶胞结构如图所示, 该晶胞沿体对角线方向的投影图为\_\_\_\_\_ (填标号)。



# 02 例题



## 02 例题

2. (2024·湖北一模) 氧化物

( $\text{Li}_x\text{La}_y\text{TiO}_3$ ) 的立方晶胞如图。

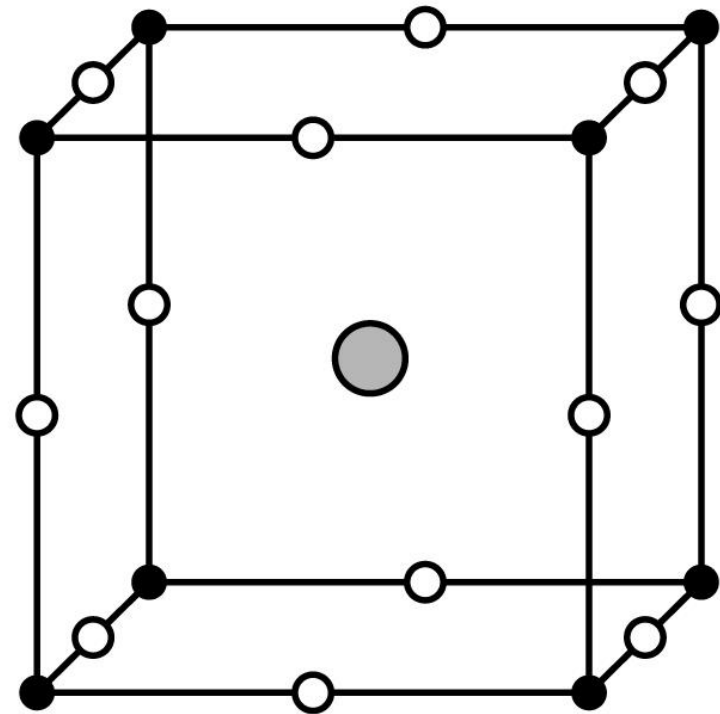
下列说法错误的是

A.

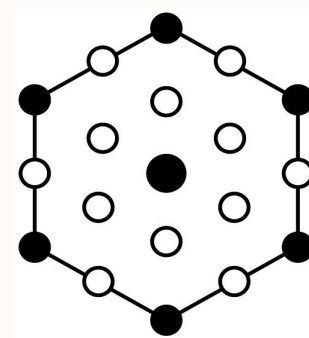
B.

C. 立方晶胞在体对角线方向上的投影图为

D.

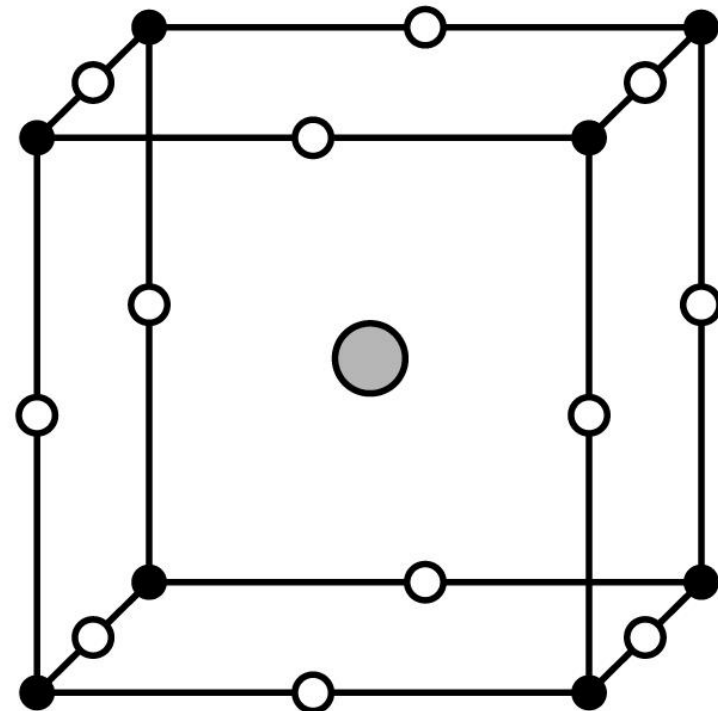
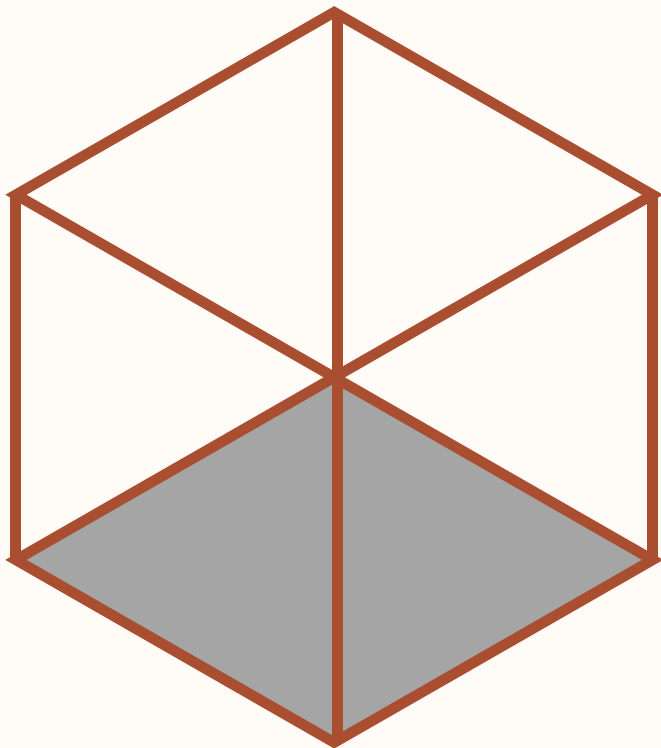


立方晶胞( $\text{Li}_x\text{La}_y\text{TiO}_3$ )



02

# 例题



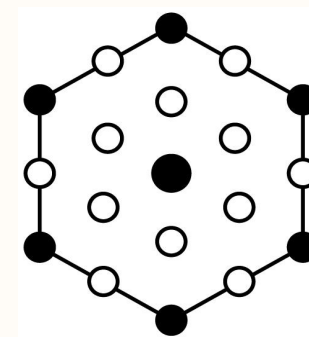
立方晶胞( $\text{Li}_x\text{La}_y\text{TiO}_3$ )

A.

B.

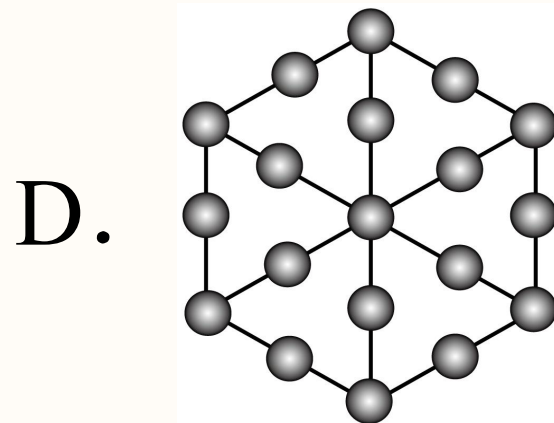
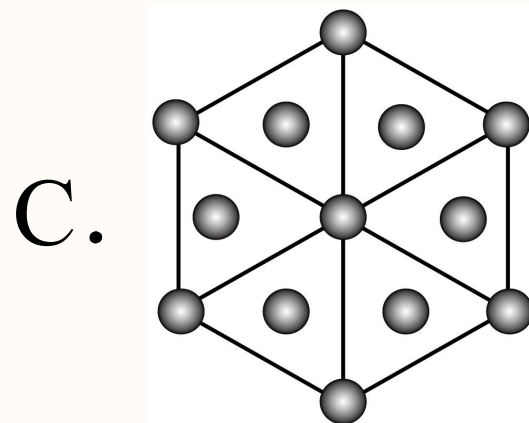
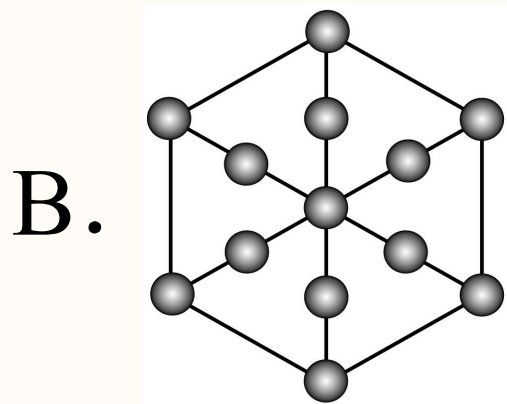
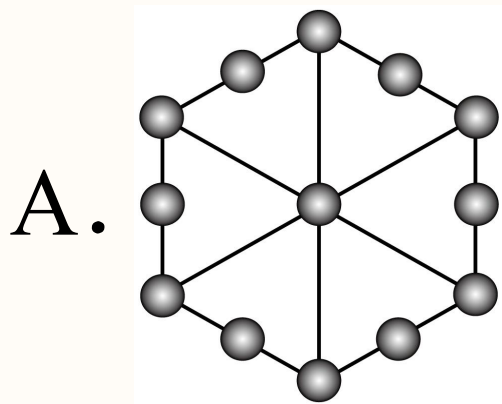
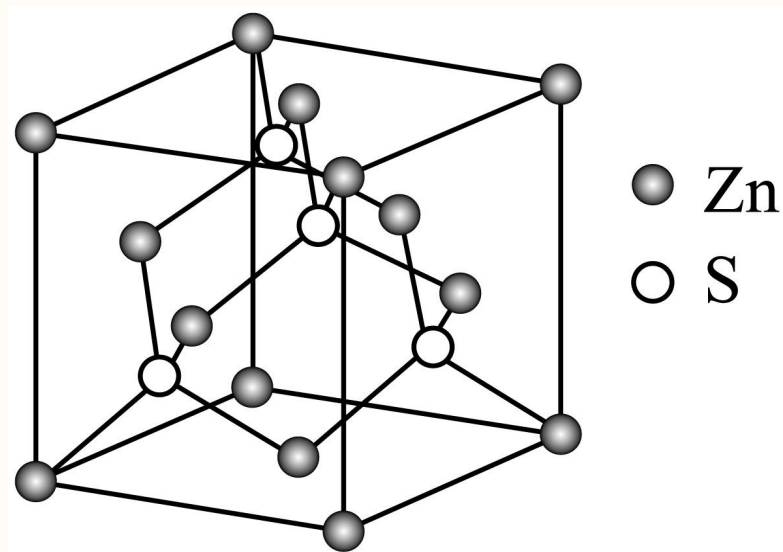
C. 立方晶胞在体对角线方向上的投影图为

D.



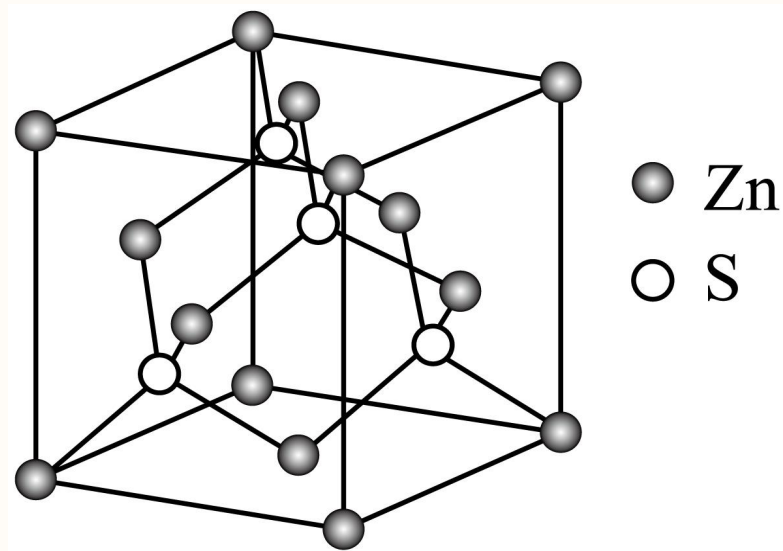
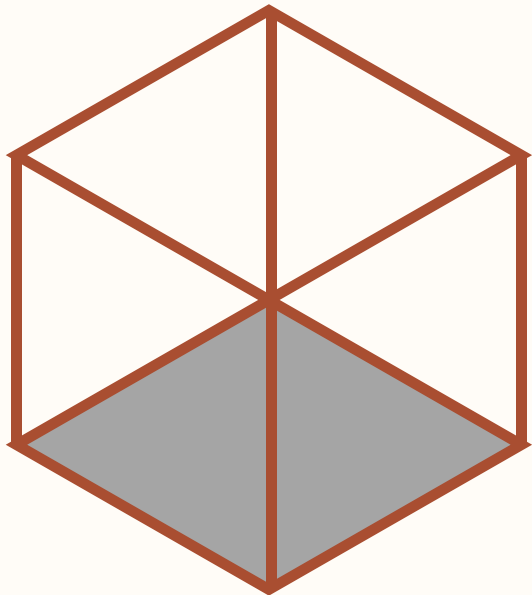
## 02 例题

3. (2025 · 福建一模) ZnS晶胞结构如图, 该晶胞若沿体对角线投影, 则 $Zn^{2+}$ 的投影图为\_\_\_\_\_。

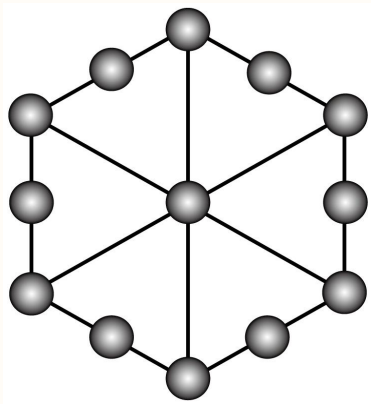


02

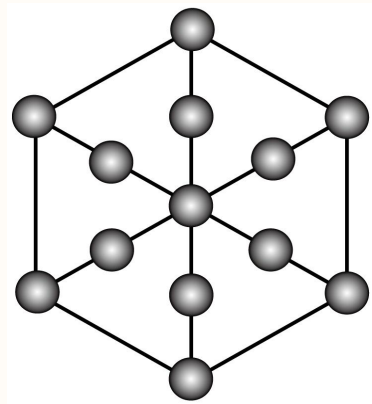
# 例题



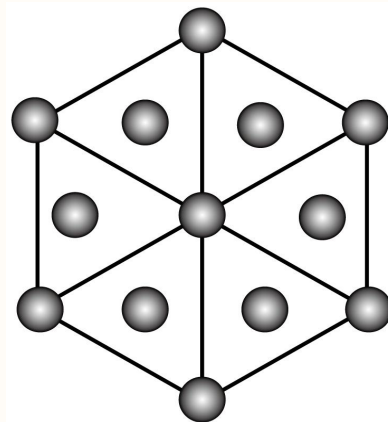
A.



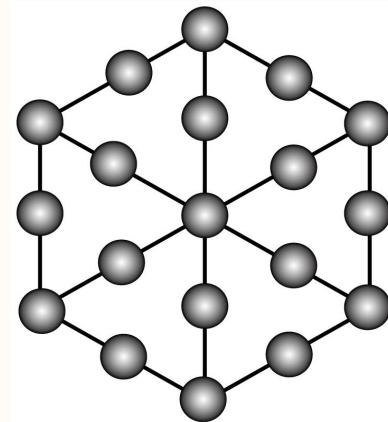
B.



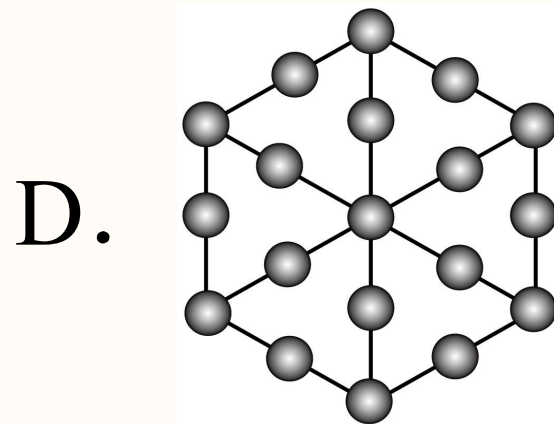
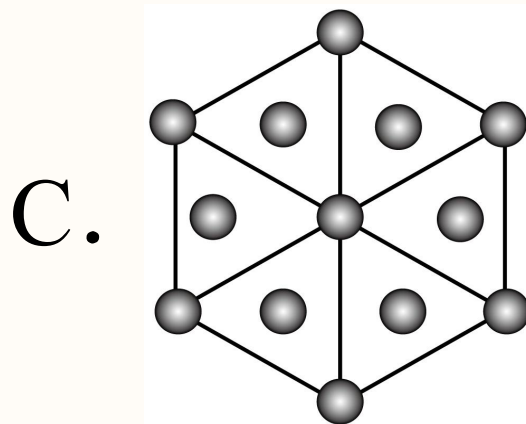
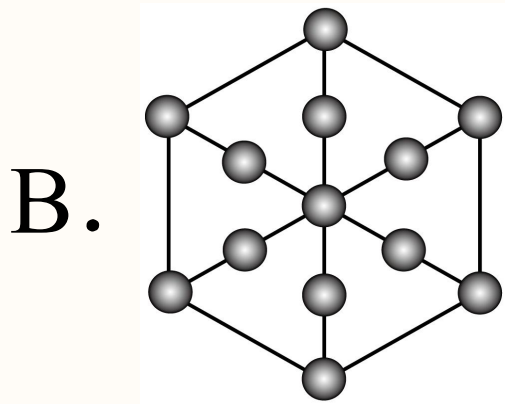
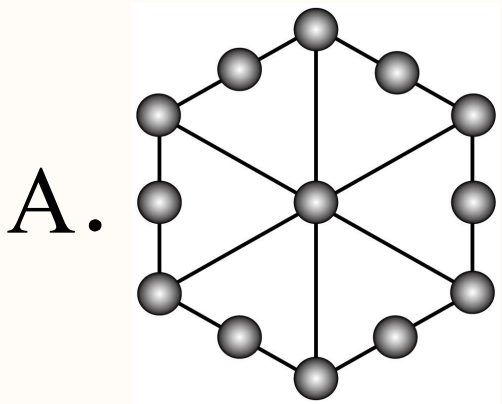
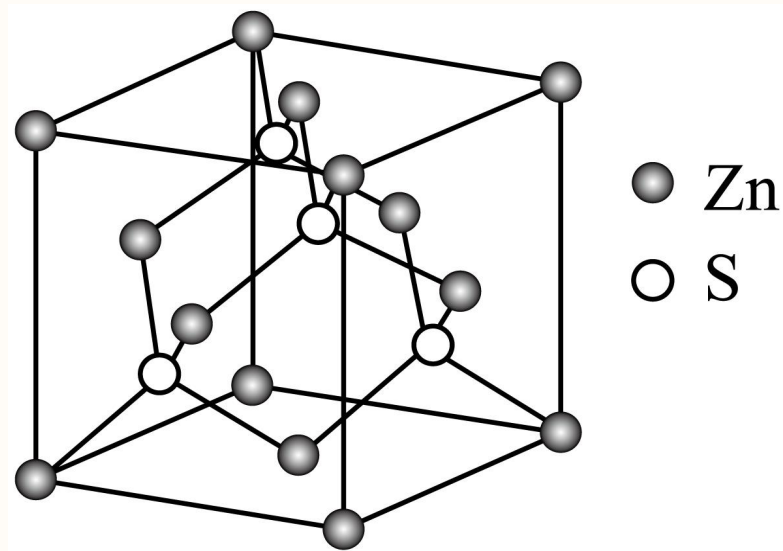
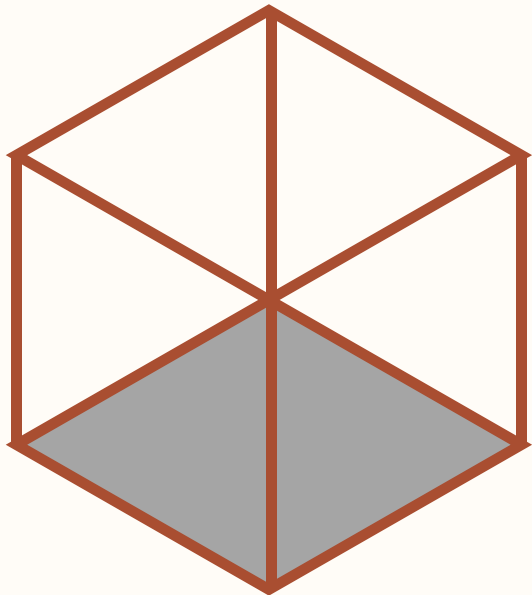
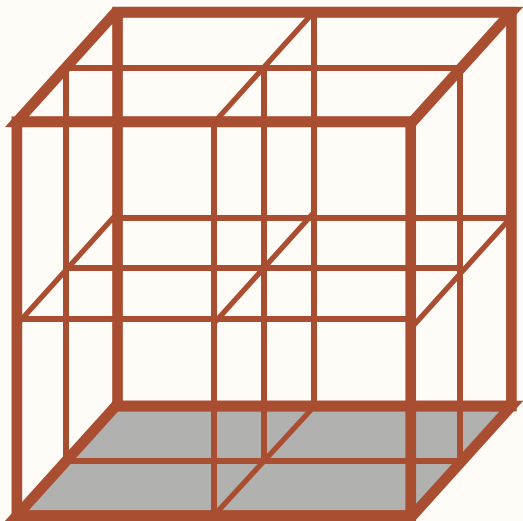
C.



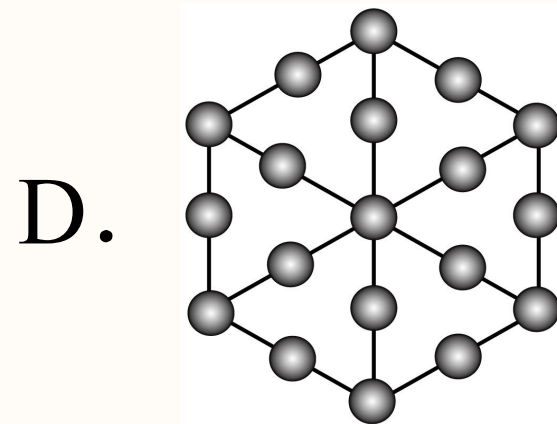
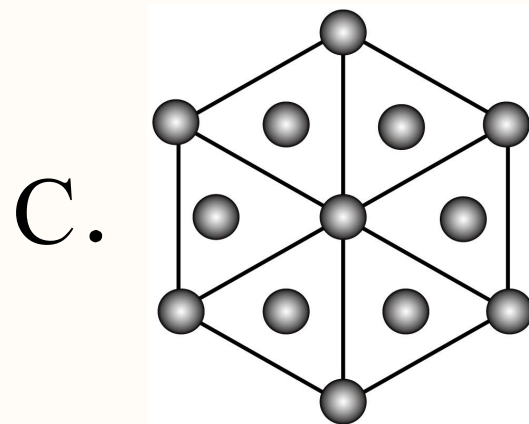
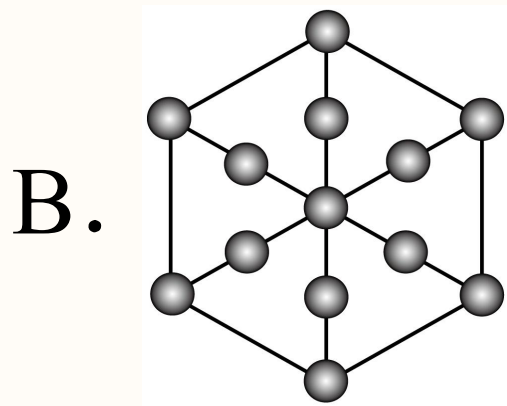
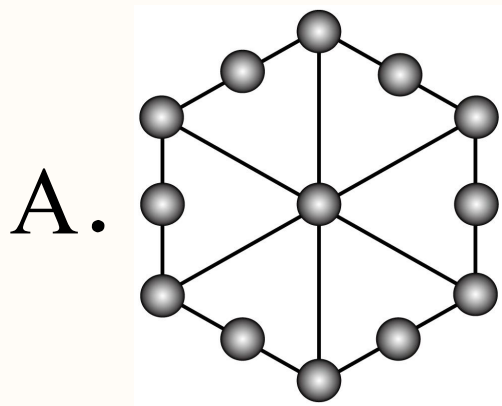
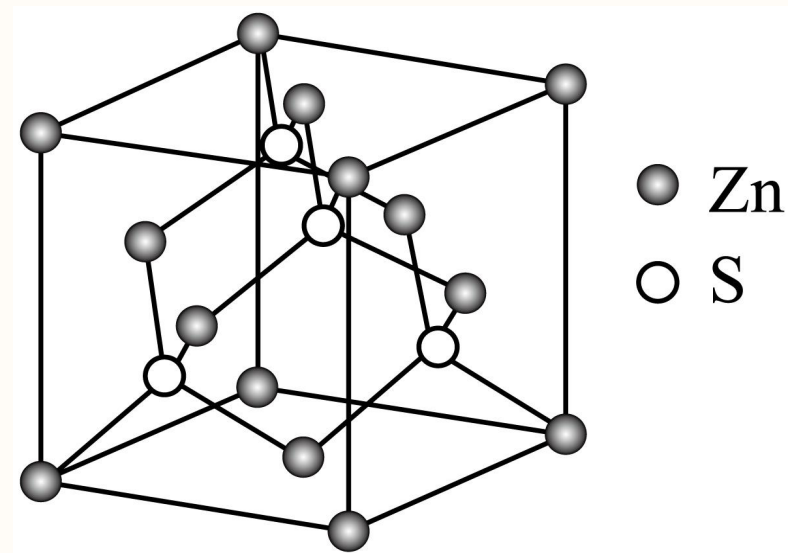
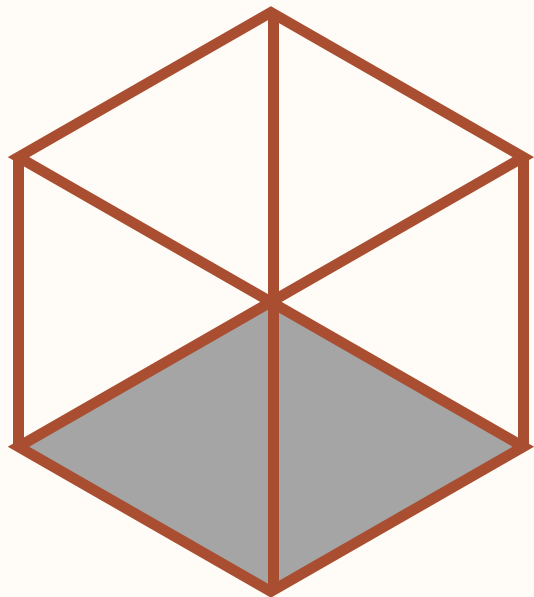
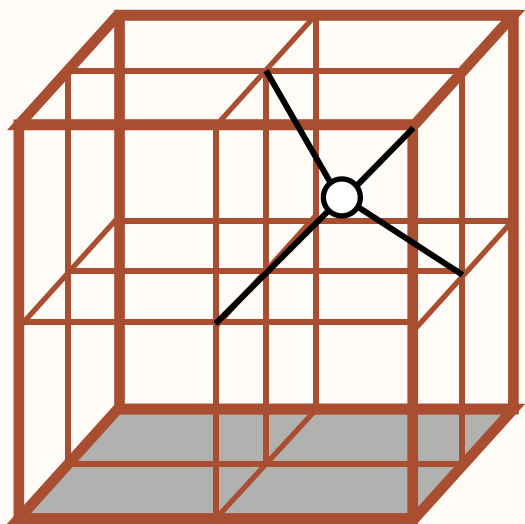
D.



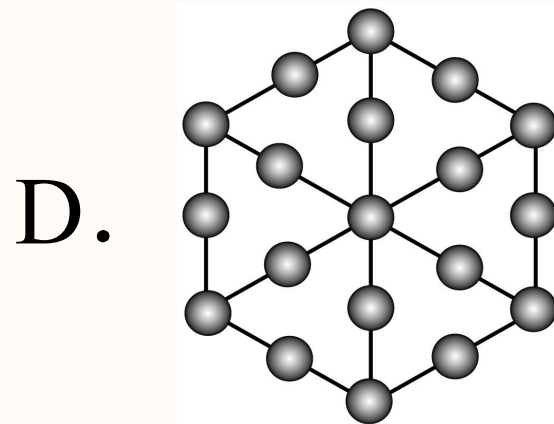
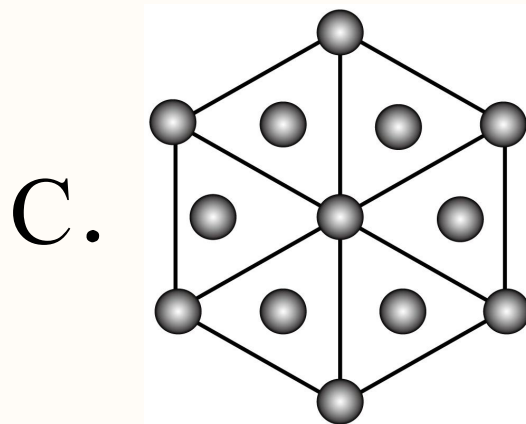
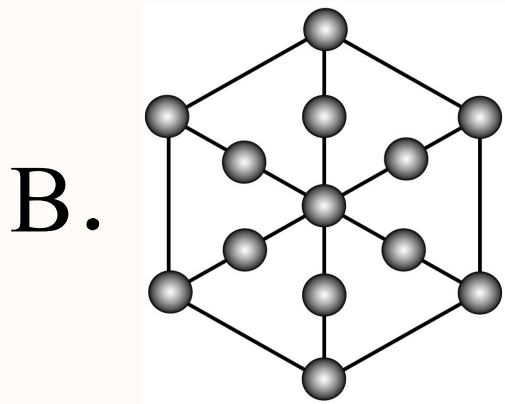
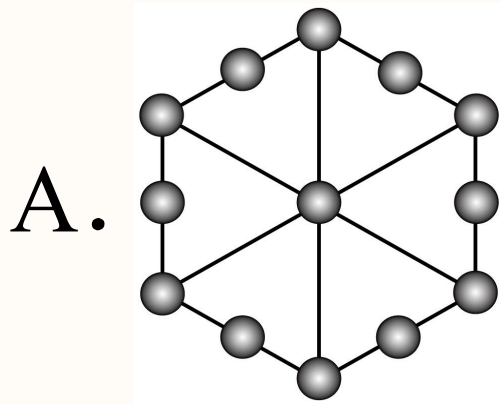
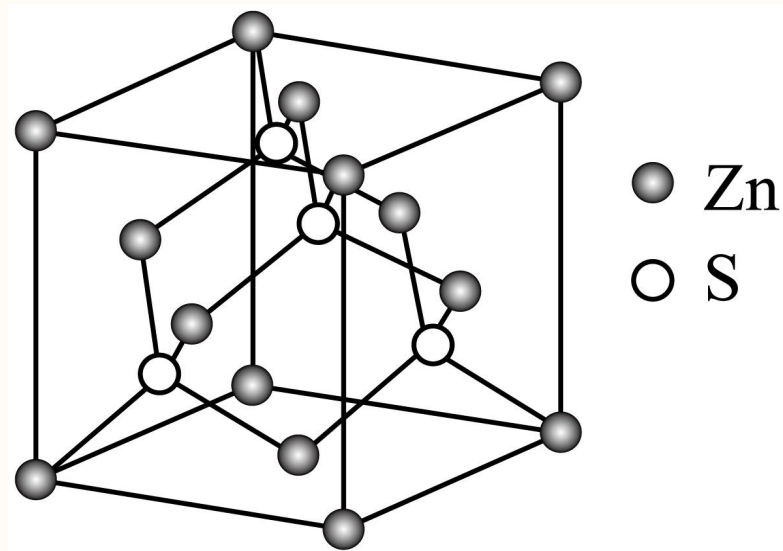
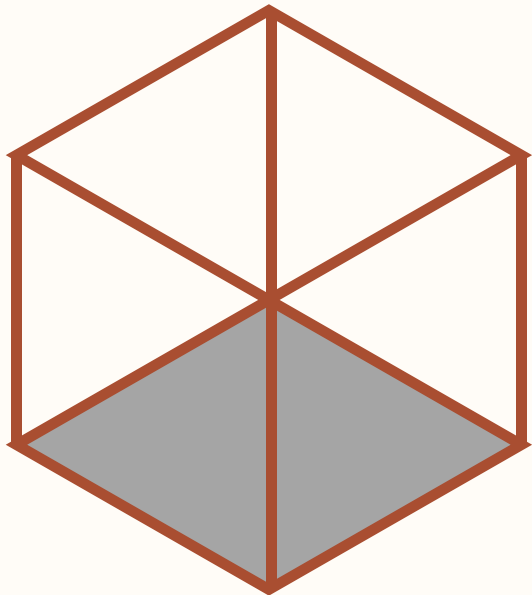
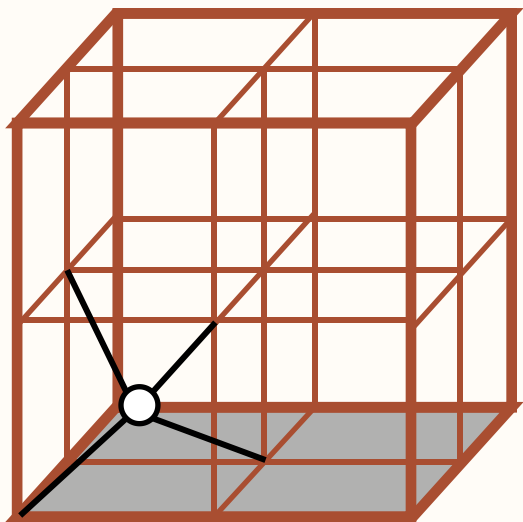
# 02 例题



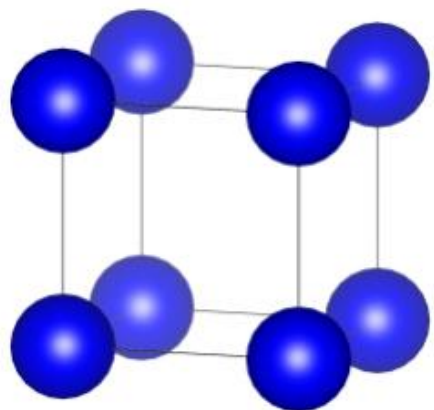
# 02 例题



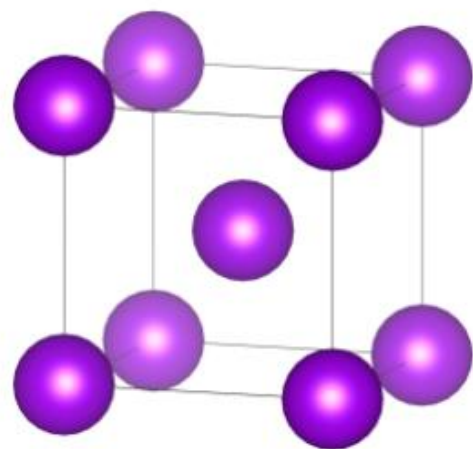
# 02 例题



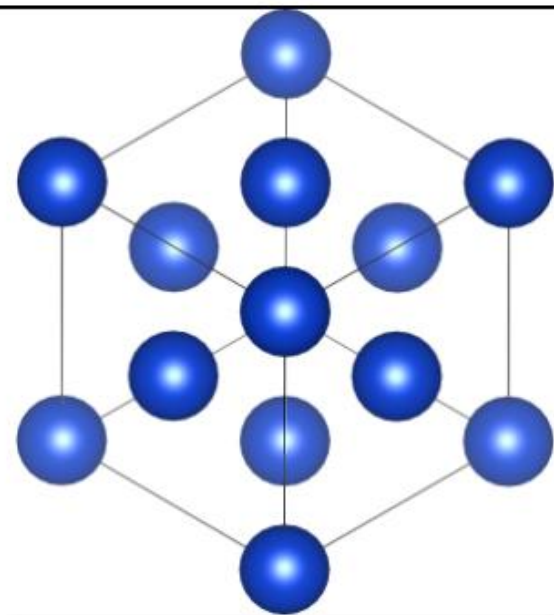
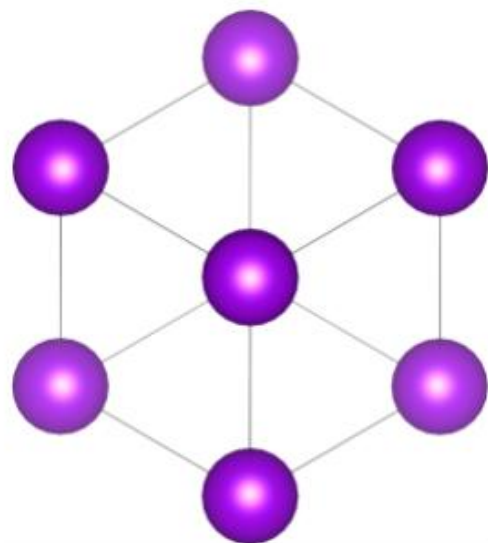
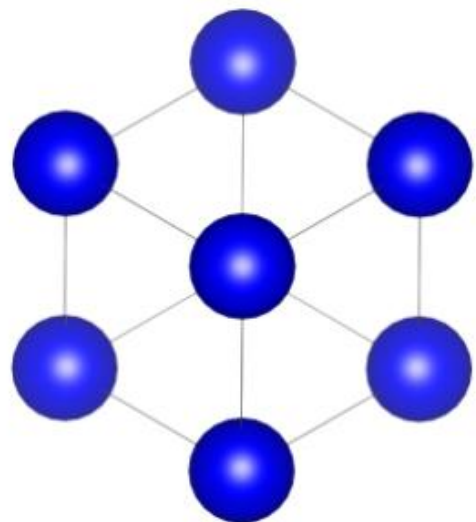
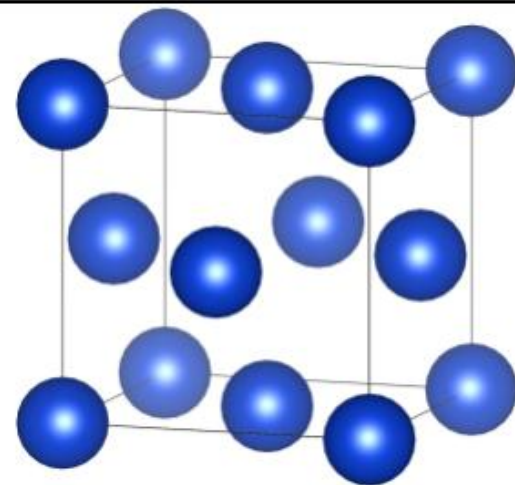
简单立方



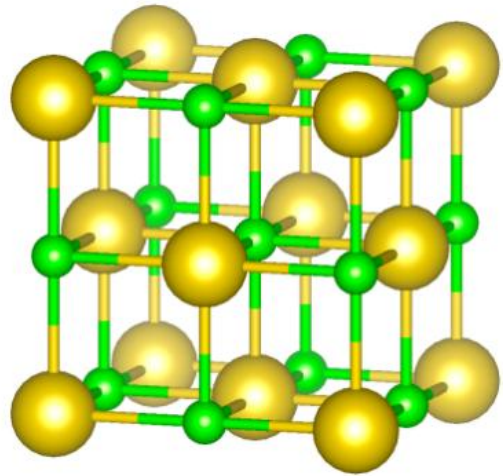
体心立方



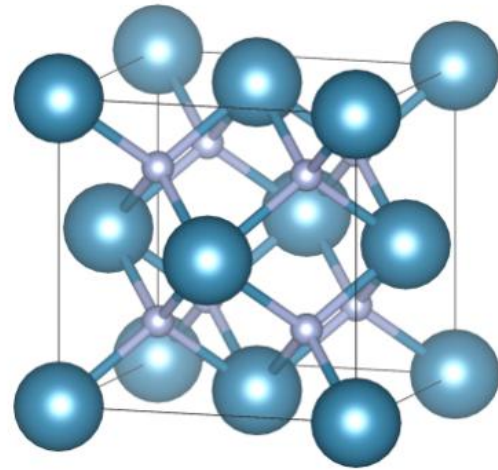
面心立方



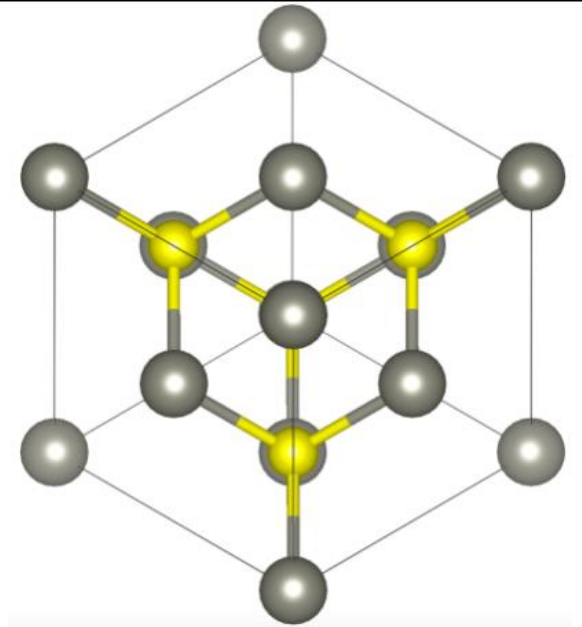
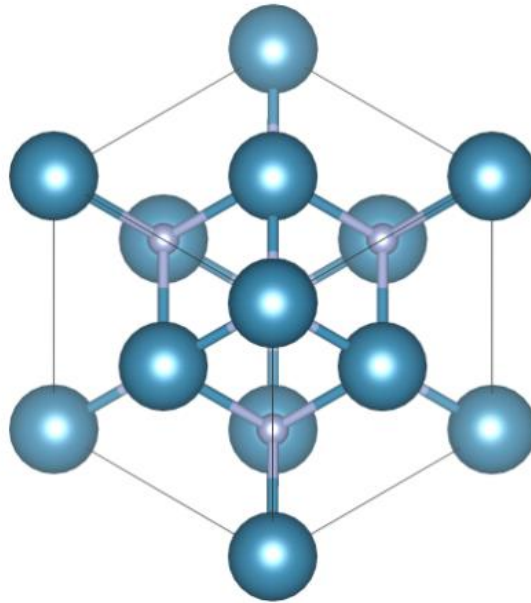
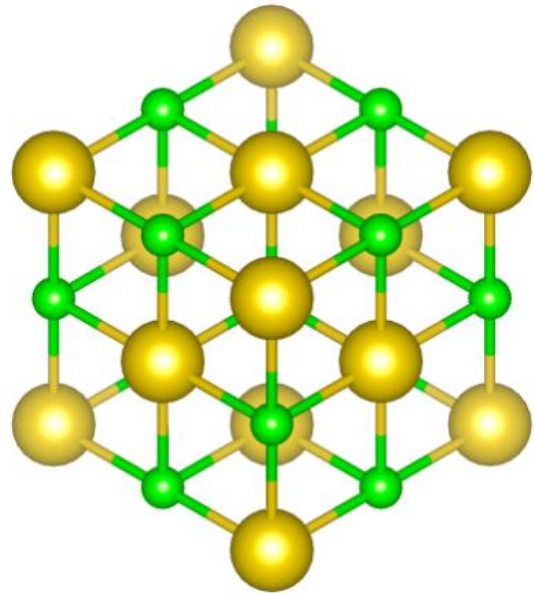
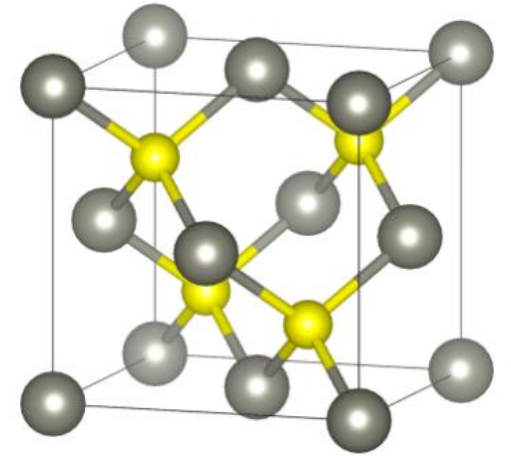
NaCl



CaF<sub>2</sub>



ZnS





谢谢支持

[shuigehuaxue.com](http://shuigehuaxue.com)