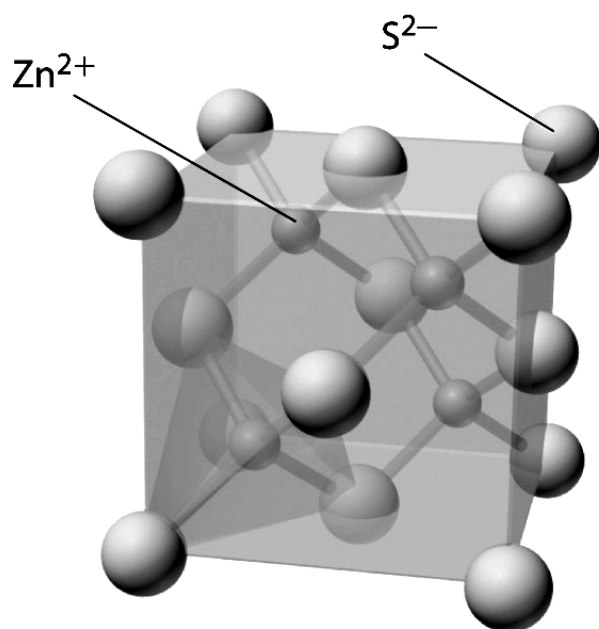


CHAPTER 2	Comparison of Unit Cells	BLM 2.1.3
OVERHEAD		



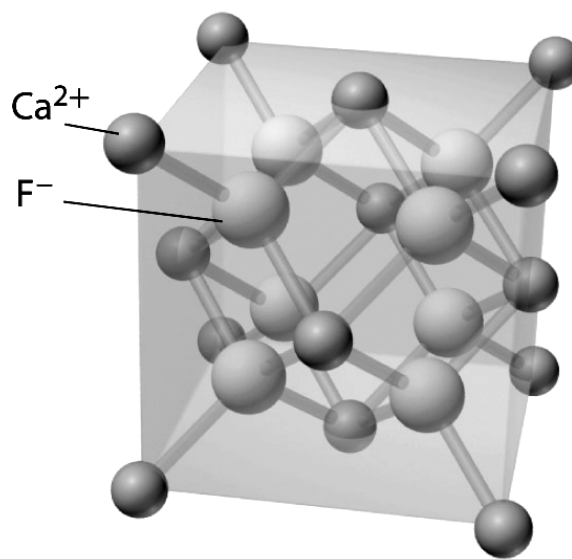
$\text{ZnS(s)}$

Count the number of each atom:

$\text{ZnS(s)}$

large atoms = \_\_\_\_\_

small atoms = \_\_\_\_\_



$\text{CaF}_2\text{(s)}$

Count the number of each atom:

$\text{CaF}_2$

large atoms = \_\_\_\_\_

small atoms = \_\_\_\_\_

Questions:

1. What are the ratios in each unit cell the way they are?
2. What should the ratios be in a complete unit cell?