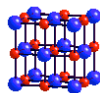


**Chemistry 116
General Chemistry II**

Solids Practice



Spring Semester

1) a. $2.46 \times 10^{-23} \text{ cm}^3$

b. $1.21 \times 10^{-22} \text{ cm}^3$

2) a. 6

b. 5

c. 4 Cl and 4 Na

d. Ti_2O_4 ; Ca_4F_8 ; CaTiO_3 ; $\text{Ba}_2\text{Cu}_3\text{O}_7\text{Y}$

3) 7.18 g/cm^3

4) $1.79 \times 10^{-22} \text{ g}$; 108 g/mole

5) $6.04 \times 10^{-23} \text{ cm}^3$; $3.92 \times 10^{-8} \text{ cm}$