

AP CHEM ASSIGNMENT SHEET # 1

**ATOMIC STRUCTURE  
AND  
NUCLEAR CHEMISTRY**

Read Chang chapter 2, sections 1, 2, and 3.  
Read Chang chapter 3, sections 1, 2, and 4.  
Read Chang chapter 23 (all).

From pages 70-75 of the text, answer the following:

11, 12, 13, 14, 71, 77, 99

From pages 107-114 of the text, answer the following:

5, 6, 8, 14, 16, 18a, 20, 33, 34, 104, 123 (Text error! It's 24.5 %  $^{37}_{17}\text{Cl}$ )

From pages 994-998 of the text, answer the following:

3, 6, 5, 7, 9, 13, 16, 58, 18, 20, 23, 25, 26, 30, 34, 46, 59, 60, 63, 66, 67, 73, 77 (our first candidate for dumbest question in the text)

From the APQ packet, please complete question **45**. (Yes, only one AP question this time!)

