Today we were supposed to go over Chemical Reactions and Nuclear decay. We will review both concepts next week in class. To make up for today I want you to print out the following tasks complete the tasks and bring them back in next week 10/17/18by 5:40 pm. Please text me if you have any additional questions

**Task 1:** Complete the WebQuest: This website can be found on website under the chemistry tab. Some of the links may not work in the WebQuest so please use your book to help fill out some of the information.

<https://sites.google.com/site/chemch70052261727Memicalreactionswebquest/part-i/part-i---student-handout>

**Task 2:** Listen and take notes on the nuclear chemistry crash course #38 and complete the worksheet

<http://www.west-windsor-plainsboro.k12.nj.us/common/pages/DisplayFile.aspx?itemId=23078150>

**Task 3:** Complete the work sheet below. If you need some help you can look at the following video.

<https://www.youtube.com/watch?v=mzLOT6uOfO4>

**EVEN MORE Nuclear Equations!**

*Problems*

Complete the following nuclear equations and state the type of nuclear decay.

1.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. + X-ray photon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9\*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the following nuclear equations.

11.  20. 

12.  21. 

13.  22. 

14.  23. 

15.  24. 

16.  25. 

17.  26. 

18.  27. 

19.  28. 