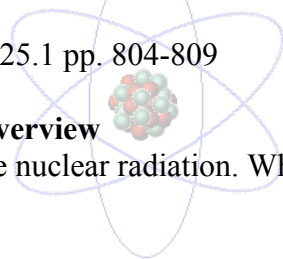


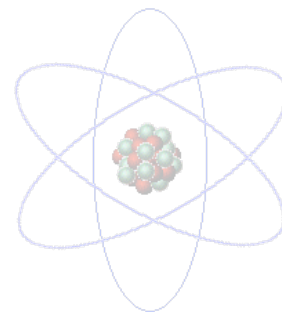
Read Ch. 25.1 pp. 804-809

Part I. Overview

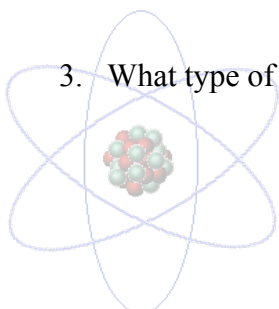
1. Define nuclear radiation. What is radioactive decay? What is a radioactive nuclide?



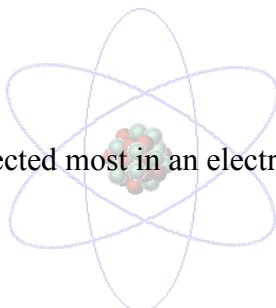
2. List the 5 main kinds of nuclear decay and their properties:



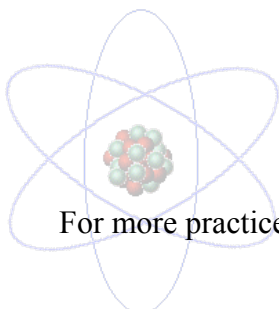
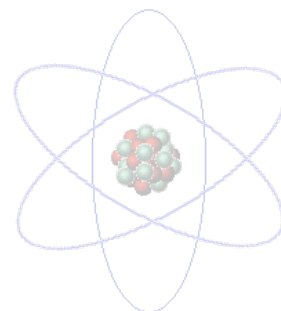
3. What type of radiation is least penetrating (easiest to stop)? Which is most penetrating?



4. Which type of radiation will be deflected most in an electric or magnetic field? Why? Which will be deflected least and why?



5. When will a nucleus stop undergoing decay processes?



For more practice, go to <http://www.chemteam.info/ChemTeamIndex.html> and click on [Radioactivity](#).