

MSC 1012 questions for Chapter 10 set 2

Radioactive decay:

NAME _____

1) Tell which of the following are radioactive and give your reason if it is unstable.

^{210}Po It's stable or it's unstable because _____

^{19}F It's stable or it's unstable because _____

^{98}Tc It's stable or it's unstable because _____

^{298}U It's stable or it's unstable because _____

^2H It's stable or it's unstable because _____

^{39}Ca It's stable or it's unstable because _____

^{36}Cl It's stable or it's unstable because _____

^{55}Fe It's stable or it's unstable because _____

^{15}O It's stable or it's unstable because _____

^{20}F It's stable or it's unstable because _____