Lecture & Problems Problem 1

(3) (i): Mo (ii): V (iii): (a

(b) As Zeff incheres, r derieurs.

Problem 2

(a): (-1) (1) e² 4TT E. 1(2,17.10-10) = 640 KJ/mol

(b): KF -> K+ + F- AE = 640 KJ/mol

KF -> K++F DE=498 K)/mol

K+ + F- > K+ F AE=142 KJ/mol=418 KJ/mol-C

(=276 KJ/mol

Problem 3 (a)! ehergy