

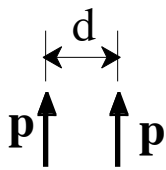
**Physics 405**

**Problem Set #9: DUE 4/10/2009**

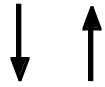
**Read Griffiths Chap. 4**

(1) **Griffiths**, Problem 4.8.

Also, find the potential energy associated with the four configurations below.



(a)



(b)



(c)



(d)

Which has is the lowest energy configuration?

(2) **Griffiths**, Problem 4.18

(3) **Griffiths**, Problem 4.24

(4) **Griffiths**, Problem 4.26.