d = evi = r

 $V_1 + V_3 = 0$ 

$$U_3 = -\frac{q_3 \cdot Q}{4\pi \varepsilon V}$$

$$U_4 = -\frac{q_4 \cdot Q}{4\pi \varepsilon V}$$

$$V_1 = \frac{Q}{Q} = \frac{q_1}{4\pi \epsilon v}$$

$$V_{tot} = 2V_1 + 2V_3 = 0$$