

Electric Potential and Potential Energy: Application (2)



- Electric potential at point P_1 : $V = \frac{kq_1}{0.04\text{m}} + \frac{kq_2}{0.04\text{m}} = 1125\text{V} + 1125\text{V} = 2250\text{V}.$
- Electric potential at point P_2 : $V = \frac{kq_1}{0.06\text{m}} + \frac{kq_2}{0.10\text{m}} = 750\text{V} + 450\text{V} = 1200\text{V}.$

