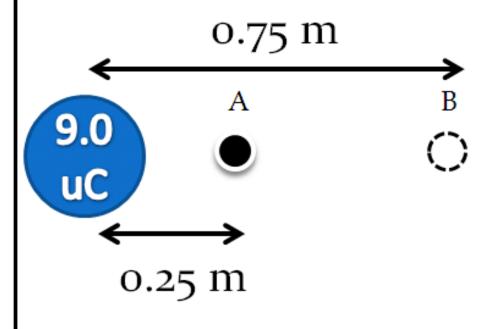
Note Title 05/04/2011

A proton is released from rest at point A near a fixed 9.0 uC charge. How fast is the proton moving when it reaches point B?



$$\Delta E_{k} = E_{k_{f}} = \frac{1}{2} m V_{f}^{2}$$

$$V_{f} = \sqrt{\frac{2 E_{k_{f}}}{m}} = \frac{6.43 \times 10^{6} m/s}{m}$$