Zero order reaction

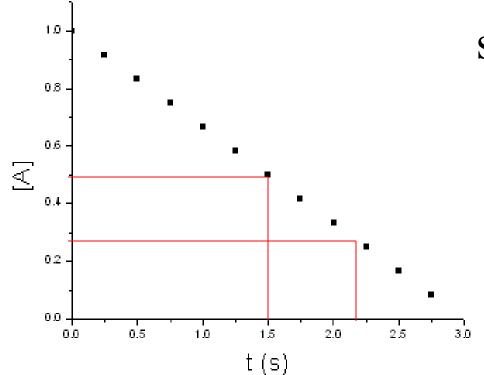
$$rate = k$$

$$M/s$$

$$[A]_{t} = -kt + [A]_{0}$$

$$y = mx + b$$

$$plot [A]_{t} v.s. t linear$$



slope = -k
intercept =
$$[A]_0$$

 $t_{1/2} = \frac{[A]_0}{2 k}$