

Zero order reaction

$$\text{rate} = k$$

M/s

$$[A]_t = -kt + [A]_0$$

$$y = mx + b$$

plot $[A]_t$ v.s. t linear

$$\text{slope} = -k$$

$$\text{intercept} = [A]_0$$

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

