

## Test 4 Equations

$$\frac{1}{[A]} = kt + \frac{1}{[A]_0}$$

$$\ln \frac{[A]}{[A]_0} = -kt$$

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

$$k = Ae^{\frac{-E_A}{RT}}$$

$$\frac{d[P]}{dt} = \frac{k_b [S]_0 [E]_0}{K_M + [S]_0} \quad K_M = \frac{k_b + k_a}{k_a}$$