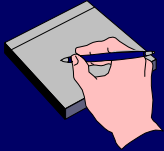
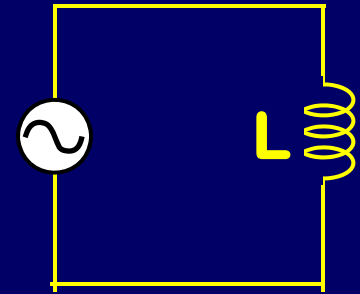


Inductors in AC circuit



$$V_L = -L(\Delta I)/(\Delta t) \text{ always true}$$

- $V_{L,\max} = I_{\max} X_L$
- Inductive Reactance: $X_L = 2\pi fL$
- Voltage across inductor “LEADS” current.



– V_L goes up and down just before I does.

