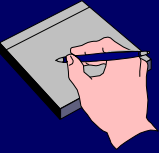


Example



Phasor Diagram Practice

Label the vectors that corresponds to the resistor, inductor and capacitor.

Inductor Leads Capacitor Lags

Which element has the largest voltage across it at the instant shown?

- 1) R 2) C 3) L

R: It has largest vertical component

Is the voltage across the inductor

- 1) increasing or 2) decreasing?

Decreasing, spins counter clockwise

Which element has the largest maximum voltage across it?

- 1) R 2) C 3) L

Inductor, it has longest line.

