

Drawing Phasor Diagrams

(1) Resistor vector: to the right

- Length given by $V_{R,\max}$ (or R)

(2) Inductor vector: upwards

- Length given by $V_{L,\max}$ (or X_L)

(3) Capacitor vector: downwards

- Length given by $V_{C,\max}$ (or X_C)

(4) Generator vector (coming soon)

(5) Rotate entire thing counter-clockwise

- Vertical components give instantaneous voltage across R, C, L

