PL-1: Two sinusoidal waveforms are displayed above on a dual-trace oscilloscope.
(1a) Compute the time delay $|\Delta t|$ in ms between the two waveforms.
(1b) Compute the phase shift $|\Delta \theta|$ in degrees between the two waveforms.
(1c) Does waveform #2 lead or lag waveform #1? (Underline the correct answer.)
(1d) Specify the sign of $\Delta \theta$ defined as $\Delta \theta = \theta_2 - \theta_1$, that is, $\Delta \theta$ is the phase shift of waveform #2 with respect to waveform #1.

PL-2: The above two sinusoidal waveforms are now displayed using the X-Y mode. Measure $A$ and $B$ in volts and compute the phase shift $|\Delta \theta|$ between the two waveforms.