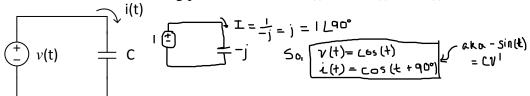
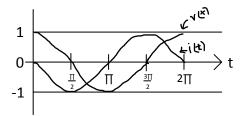
- 1. Can you have a circuit in which no current flows when the voltage is maximum, and no voltage pressure when current is maximum?
 - a) Consider this circuit. Using phasors, solve for i(t) when $v(t) = \cos(t)$ and C = 1F



b) Now plot i(t) and v(t) below. Where is v(t) max? i(t) max?



whenever i(t) at maximum, v(t) = 0

Find the Thevenin equivalent of the circuit below: 2.

