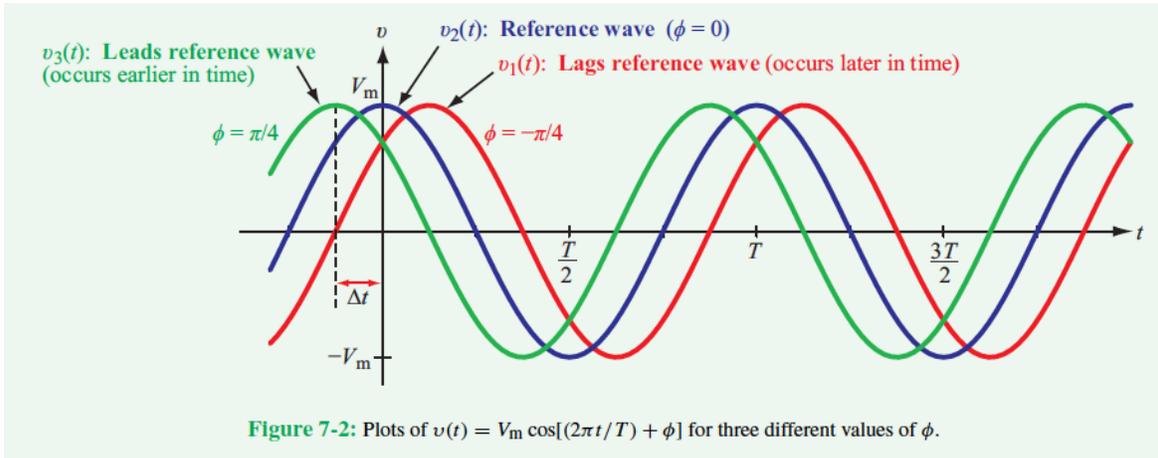


Concept Question 7-2: Waveforms $v_1(t)$ and $v_2(t)$ have the same angular frequency, but $v_1(t)$ leads $v_2(t)$. Will the peak value of $v_1(t)$ occur sooner or later than that of $v_2(t)$? Explain.



The peak value of the waveform that leads occurs sooner.