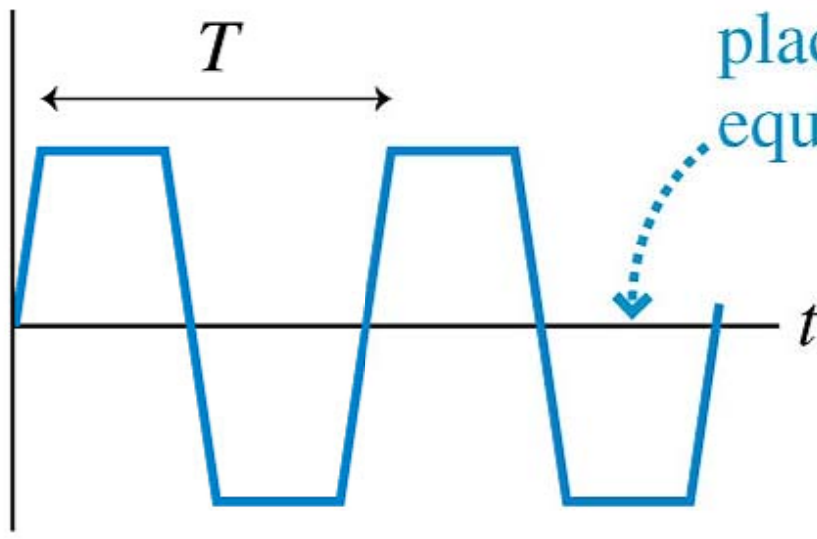
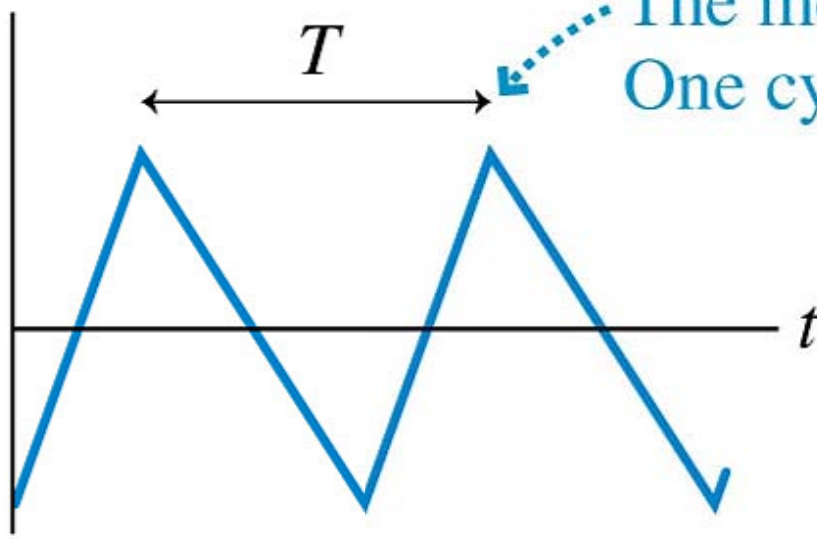


Position



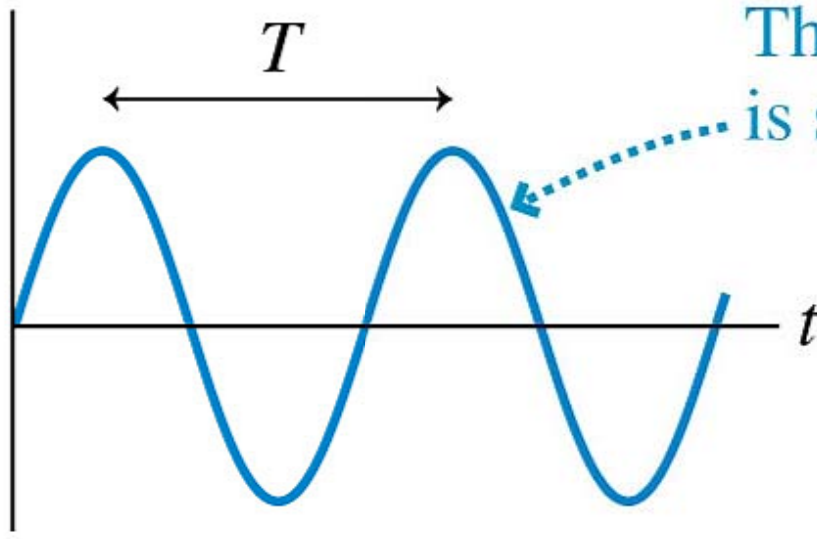
The oscillation takes place around an equilibrium position.

Position



The motion is periodic. One cycle takes time  $T$ .

Position



This oscillation is sinusoidal.