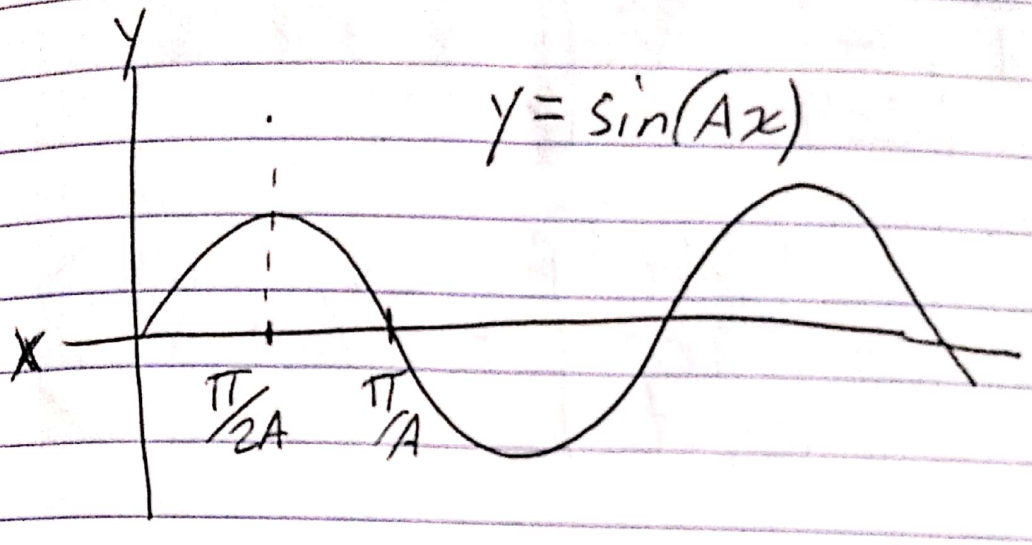
Date

20-P-KM-BK-015



$y = \sin(Ax)$

$\dot{y} = A\cos(Ax)\dot{x}$

$\ddot{y} = -A^2\sin(Ax)\dot{x} + A\cos(Ax)\ddot{x}$

$\ddot{x} = 0$

$y\left(n\pi/2A\right) = 0$

$\dot{y}\left(n\pi/A\right) = 0$

$\ddot{y}\left(n\pi/2A\right) = 0$

first point at $n = 1$