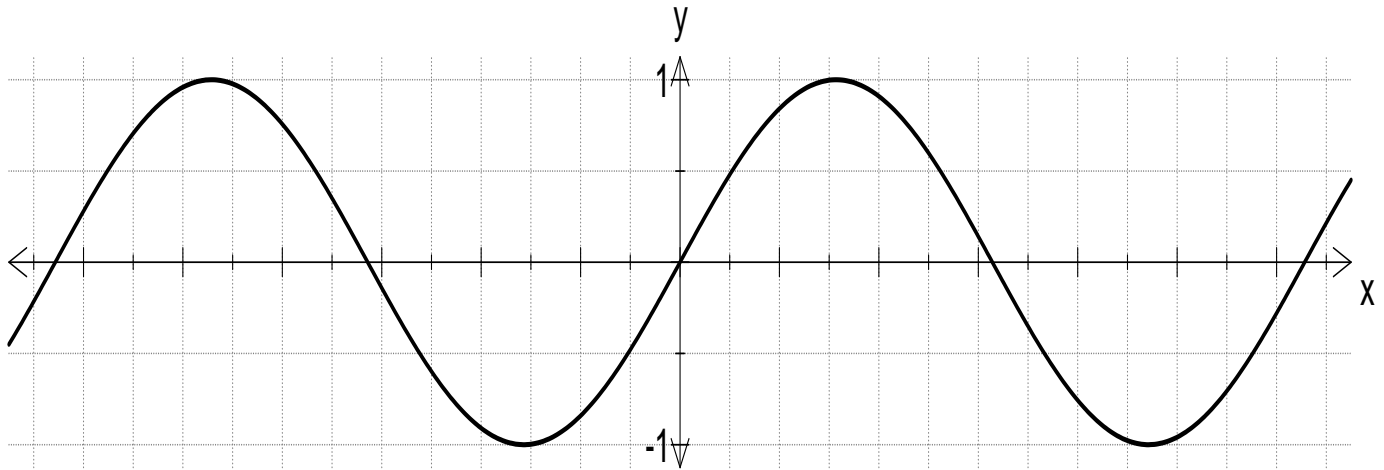


AP Calculus AB
Unit 2 - Differentiation
2.6 - Derivative of $\sin(x)$ and $\cos(x)$

Derivative of $y = \sin x$

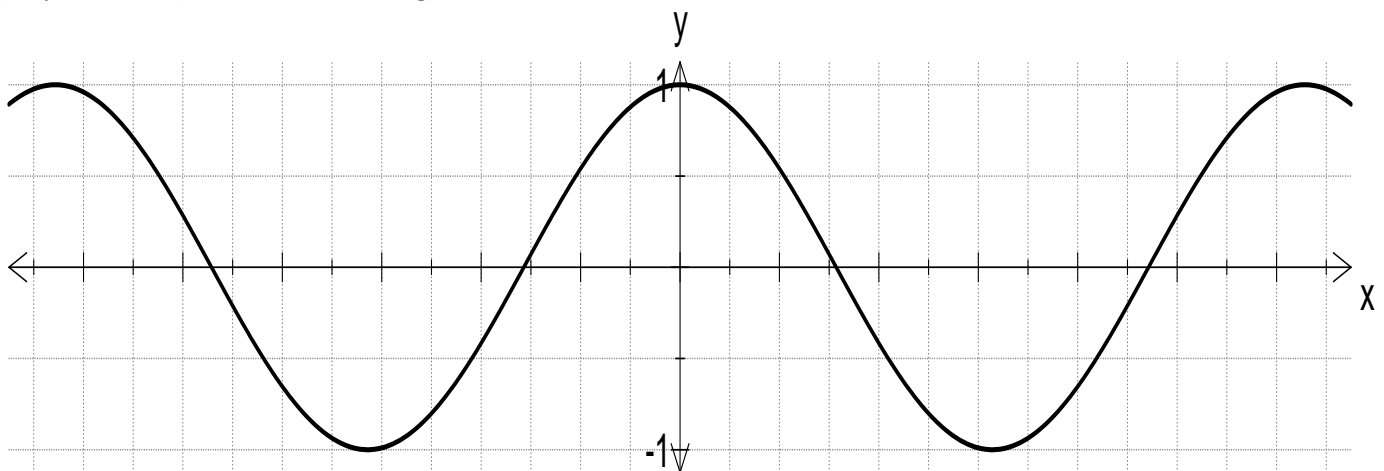
The graph of $y = \sin x$ is given below. Estimate the slope of the graph at different values of x and plot the (slope of $\sin x$) vs x graph on the same grid.



Predict the equation of the graph of the derivative of $y = \sin x$: _____

Derivative of $y = \cos x$

The graph of $y = \cos x$ is given below. Estimate the slope of the graph at different values of x and and plot the (slope of $\cos x$) vs x on the same grid.



Predict the equation of the graph of the derivative of $y = \cos x$: _____