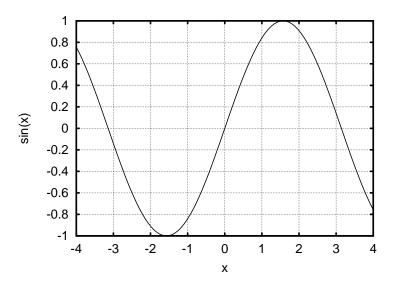
The Derivative at a Point: Determining the Derivative Graphically and Numerically

1. Consider $h(x) = \sin(x)$. Using the graph below, estimate h'(0).



- 2. Numerically estimate h'(0). As always, use radians. Do your answers for h'(0) agree?
- 3. Graphically estimate the derivative of h(x) at the x-values below and fill in the following table:

x	h'(x)
$-\pi/2$	
$-\pi/4$	
0	
$\pi/4$	
$\pi/2$	
$3\pi/4$	
π	