1. Sketch the graph of each function by hand. Identify the local maximum and minimum values.
   (a) $f(x) = \cos(x) - 2$
   (b) $f(x) = 3\sin(x + \pi)$
   (c) $f(x) = \sin(2x) - 2$
2. This is a graph of $f(x) = A\cos(Bx) + C$ where $A, B$, and $C$ are constants. What are $A$, $B$, and $C$?