Name:

Name:

The input to a linear time invariant system is x[n] = {1, 0, -1, 0, 1}. Assume the signal starts at t = 0 (x[0] = 1). The system’s impulse response is h[n] = {2, 0, -2}. Assume the impulse response starts at t = 0 also (h[0] = 2). Calculate the output of the system.