Question #1: Determine the impulse responses $h[n]$ for the following difference equations.

(a) $y[n] + (0.8)y[n-1] = x[n]$ (Assume system is causal)

(b) $y[n] - 4y[n-1] + 4y[n-2] = x[n]$ (Assume system is anti-causal)

(c) $y[n] - 2.5y[n-1] + y[n-2] = x[n]$ (Assume system is causal)