1. a) x(k) = -2u(k) + 0,7ku(k)

x(z) =

b) x(k) = u(k-2) + δ(k-1)

x(z) =

c) x(k) = (1-0,5k) u(k)

= u(k) – 0,5k u(k)

X(z) =

d) x(k) = 2 δ(k) – 3(0,5k u(k))

x(z) =