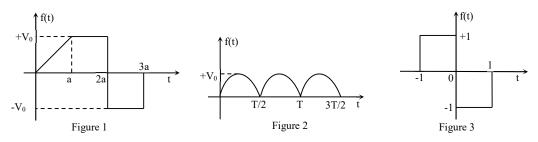
- 1. Sketch the following signals
 - a. x(t) = A[U(t+a) U(t-a)]b. $x(t) = e^{-at}$ for a > 0c. $x(t) = e^{-at}U(t)$ for a > 0d. $x(t) = t^2[U(t+a) - U(t-a)]$ e. x(t) = (t-4)[U(t+a) - U(t-a)]
- 2. Synthesize the following waveforms of figures 1, 2 & 3 into standard signals



3. A signal x(t) is shown in the following figure 4, sketch the following signals

