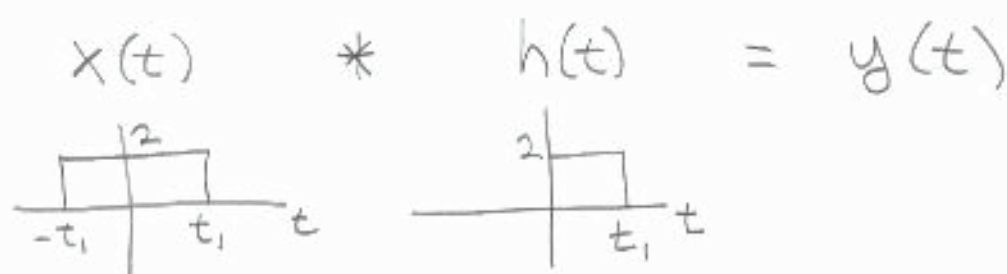
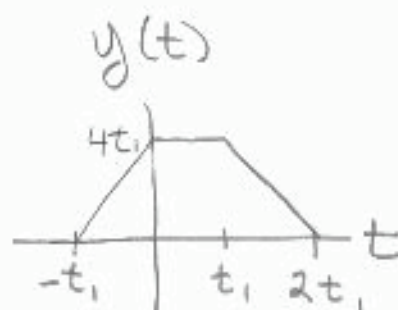


Question



draw a graph of $y(t)$

Answer



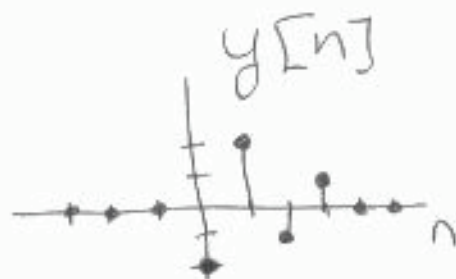
Question

$$x[n] * h[n] = y[n]$$

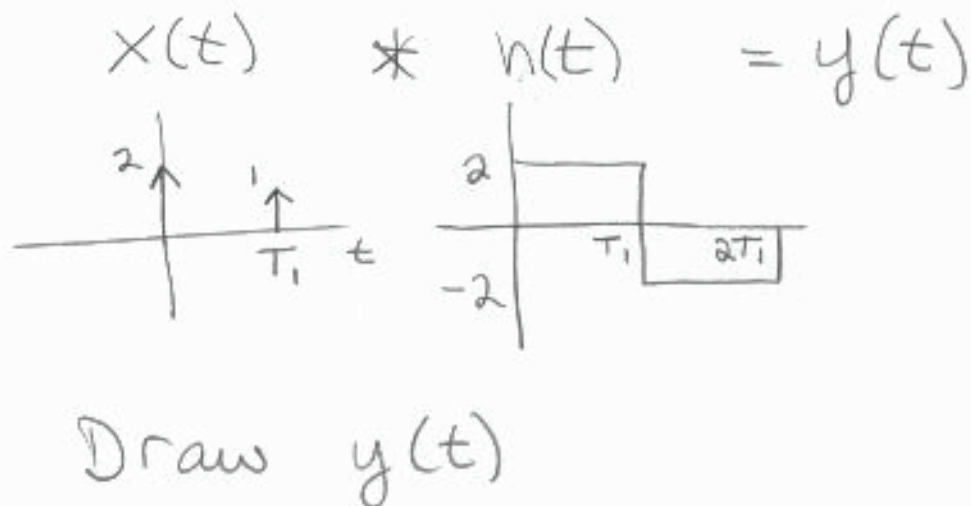


Draw $y[n]$

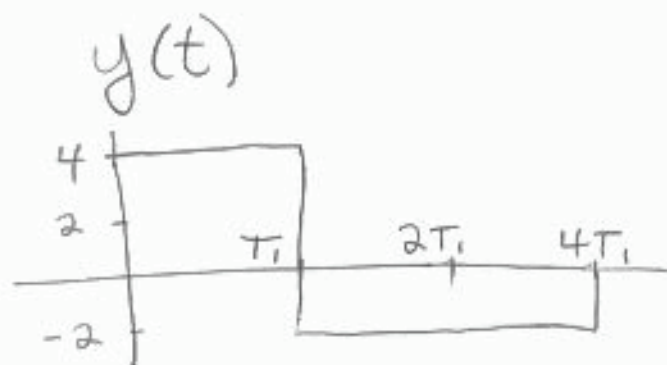
Answer



Question



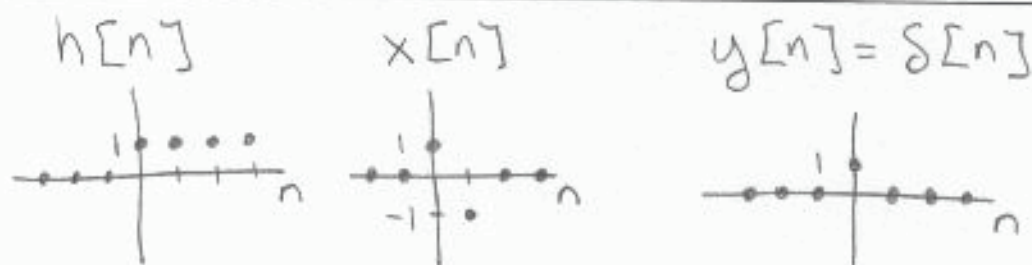
Answer



Question

$h[n] = u[n]$ $x[n] = \delta[n] - \delta[n-1]$
 Graph $h[n]$ and $x[n]$
 Graph and give an equation for
 $y[n] = x[n] * h[n]$

Answer



Use 0.7 mm mechanical pencil. Keep 0.25 inch from edge of box. Erase mistakes thoroughly.

GC5

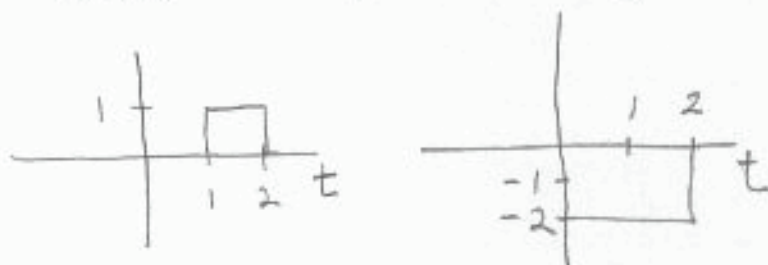
Problem Type Acronym

Name

ID #

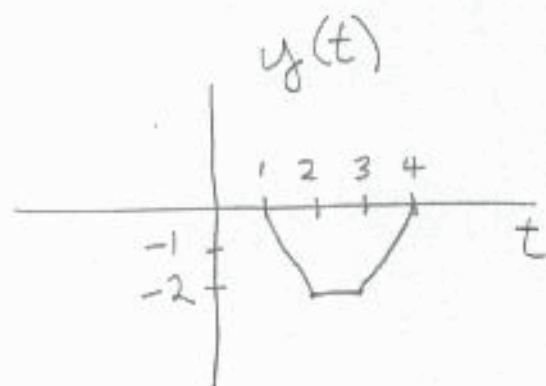
Question

$$x(t) * h(t) = y(t)$$



Draw a graph of $y(t)$.

Answer



Use 0.7 mm mechanical pencil. Keep 0.25 inch from edge of box. Erase mistakes thoroughly.

GC6

Problem Type Acronym

Name

ID #

Question

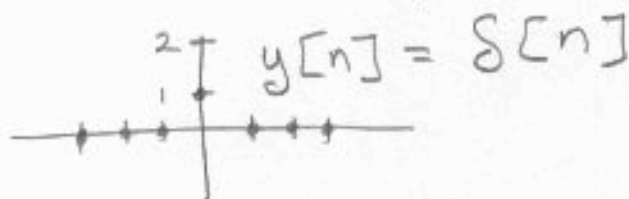
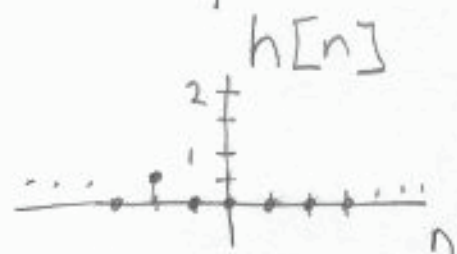
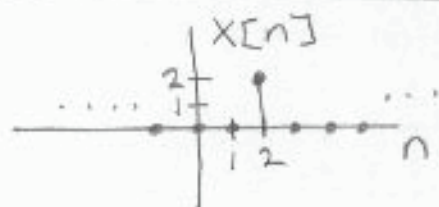
$$x[n] = 2\delta[n-2]$$

$$h[n] = \frac{1}{2}\delta[n+2]$$

Draw a graph of $x[n]$ and $h[n]$.

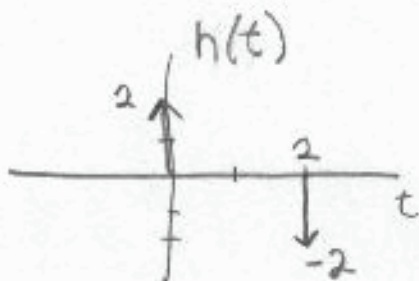
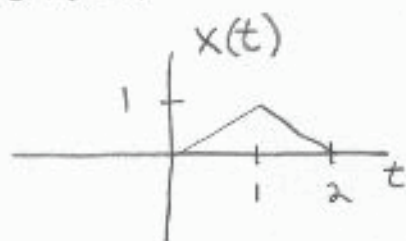
Draw a graph of $y[n]$ where $y[n] = x[n] * h[n]$
Write an equation for $y[n]$

Answer



Question

Given



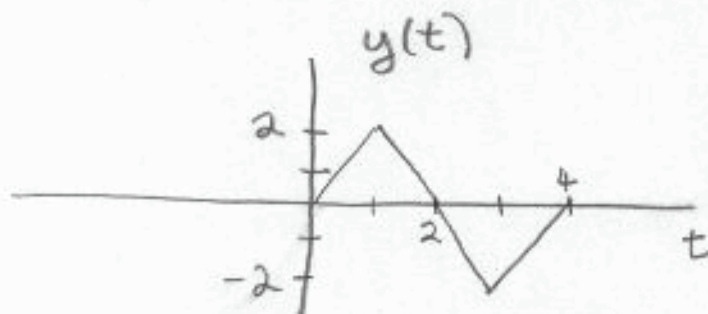
For the system

$$x(t) \rightarrow \boxed{h(t)} \rightarrow y(t)$$

Draw a picture of $y(t)$, where

$$y(t) = x(t) * h(t)$$

Answer



Use 0.7 mm mechanical pencil. Keep 0.25 inch from edge of box. Erase mistakes thoroughly.

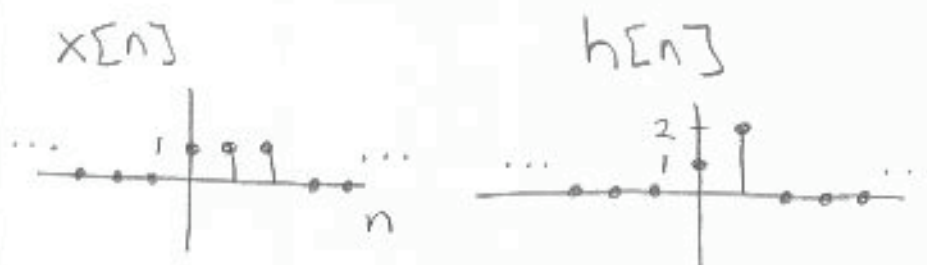
GC8

Problem Type Acronym

Name

ID #

Question



sketch $y[n] = x[n] * h[n]$

Answer



Use 0.7 mm mechanical pencil. Keep 0.25 inch from edge of box. Erase mistakes thoroughly.

GC9
Problem Type Acronym

Name

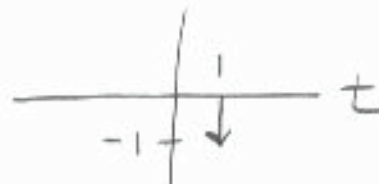
ID #

Question

$$x(t) = -u(t+1)$$



$$h(t) = -\delta(t-1)$$



$$\text{Sketch } y(t) = x(t) * h(t)$$

Answer

