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

ISF 1
Problem Type Acronym

Name

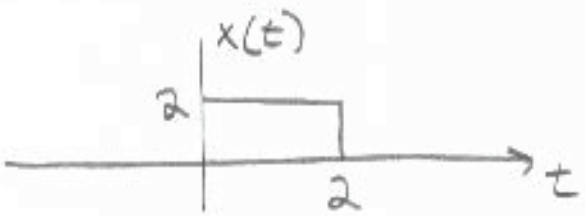
ID #

Question

Draw a graph of

$$x(t) = 2u(t) - 2u(t-2)$$

Answer



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

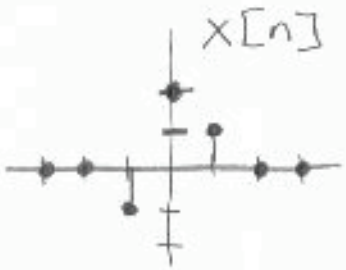
TSF2 (Problem Type Acronym) _____ (Name) _____ (ID #)

Question

Draw a graph of

$$x[n] = 2\delta[n] - \delta[n+1] + \delta[n-1]$$

Answer



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

ISF3
Problem Type Acronym

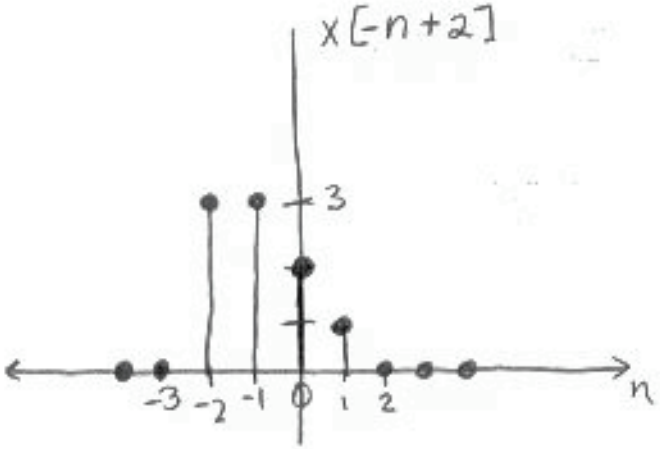
Heather Greco
Name

30
ID #

Question

Find, sketch & label $x[-n+2]$

Answer



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

ISF4 (Problem Type Acronym) _____ (Name) _____ (ID #)

Question

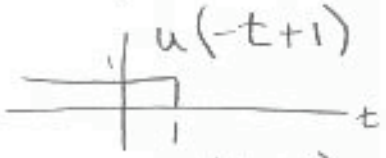
Sketch the following function

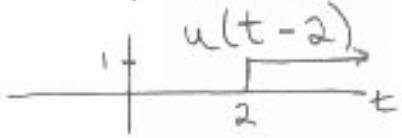
$$[u(t+1)u(-t+1)] + u(t-2)$$

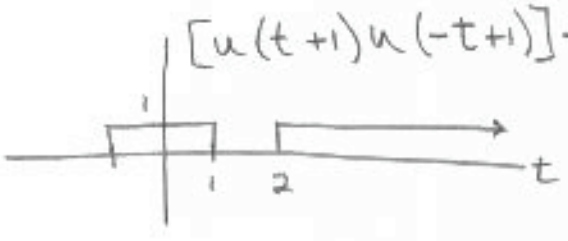
hint: sketch each of the component unit step functions first.

Label axes and key values

Answer







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

ISF5

Problem Type Acronym | Name | ID #

Question

Sketch the following functions labeling axes and key values.

(A) $u(3-t)\,u(t+3)$

(B) $-\delta[n-2]$

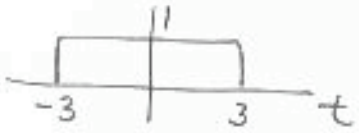
(C) $u[n] - u[n-3]$

(D) $u(t)\sin(2\pi t)$

(E) $\delta[2n]$

Answer

(A)



(B)

(C)

(D)

(E)