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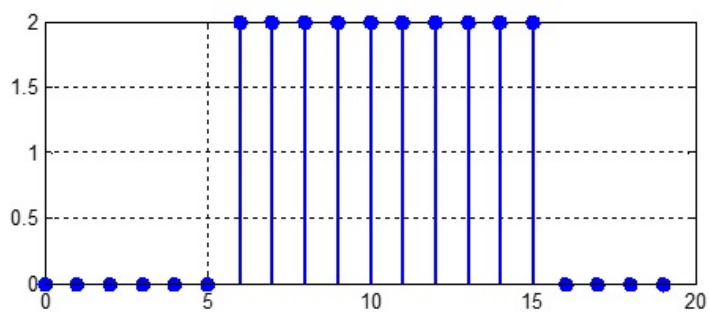
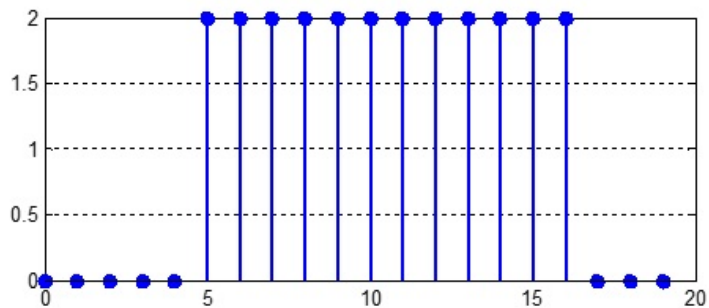
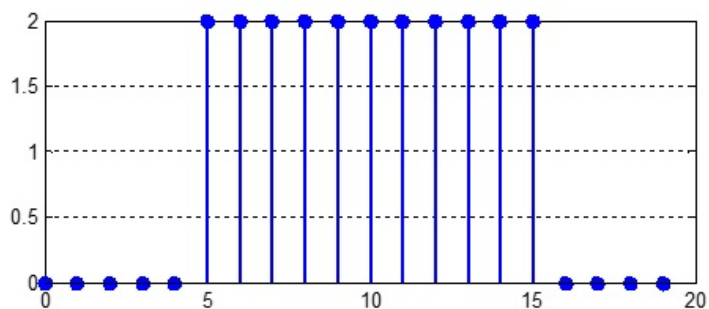
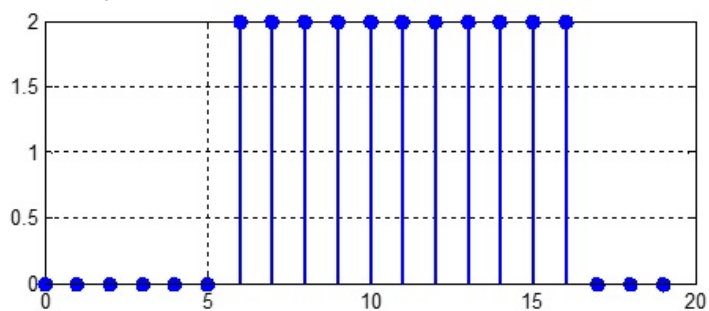
Help

## 2.3 QUIZ QUESTION 1 (1/1 point)

Which one of the following waveforms corresponds to the function  $x(n) = 2u(n - 5) - 2u(n - 17)$ ?

*Please select the correct answer.*

Help



Final Check

Save

Hide Answer

You have used 1 of 2 submissions

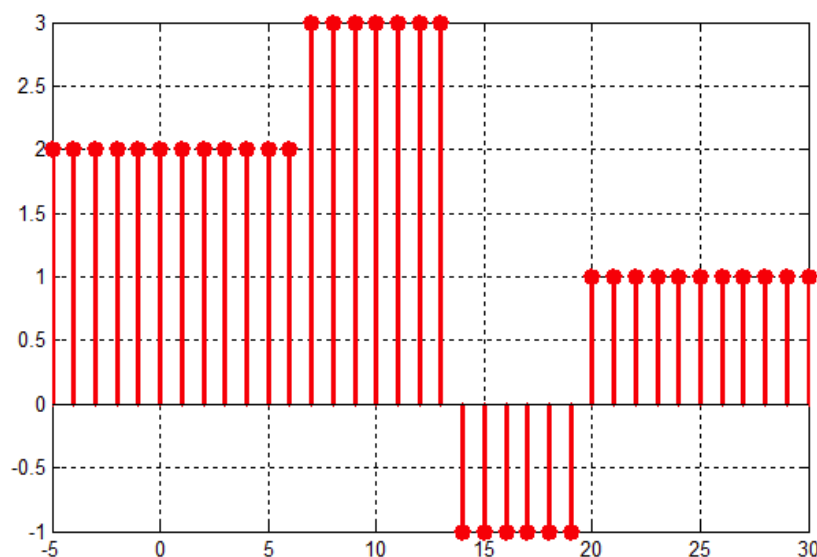
## 2.3 QUIZ QUESTION 2 (1 point possible)

$$x(n) = a_0 * u(n + d_0) + a_1 * u(n - d_1) - a_2 * u(n - d_2) + a_3 * u(n - d_3) \quad (1)$$

where  $d_0 < d_1 < d_2 < d_3$ . Assume that  $x(n) = 0$  for all  $n < -5$  and that  $x(n) = 1$  for all  $n > 30$ .

Find the values of  $a_0, a_1, a_2, a_3, d_0, d_1, d_2, d_3$  and fill in the boxes to complete the equation below.

Help



Please key in your answer in the box provided below by repeating **equation (1)** with the coefficients replaced by their numerical values. For example,  $x(n)=2*u(n+3)+4*u(n-5)-6*u(n-7)+8*u(n-9)$ .

$2*u(n+5)+1*(n-7)-4*(n-14)+2*(n-20)$

#### EXPLANATION

$$x(n)=2*u(n+5)+1*u(n-7)-4*u(n-14)+2*u(n-20)$$

Hide Answer

You have used 3 of 3 submissions



2.3 Quiz Question 1 | 2 | 3 Representing Bit W  
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