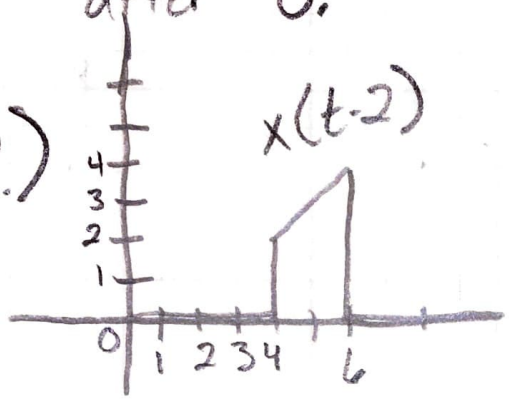
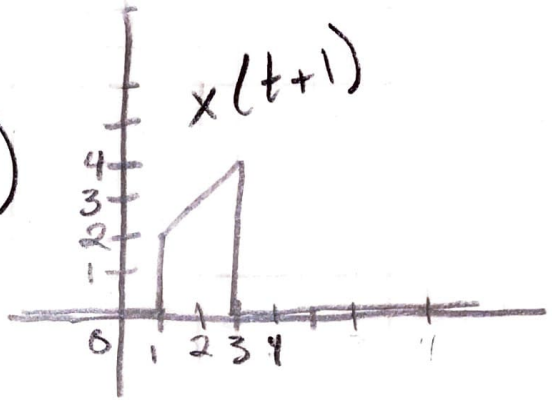
1.) a.) The signal is discrete since at 2 and 4 it is not any one points.

b.) It is causal since the signal starts after 0.

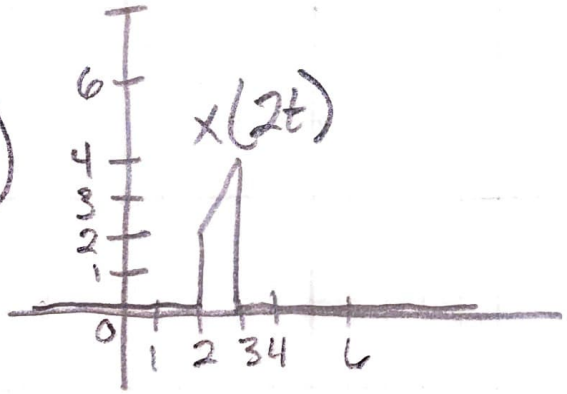
c.)



d)



e.)



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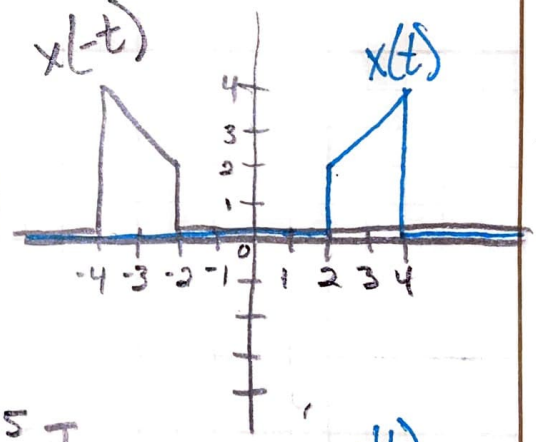

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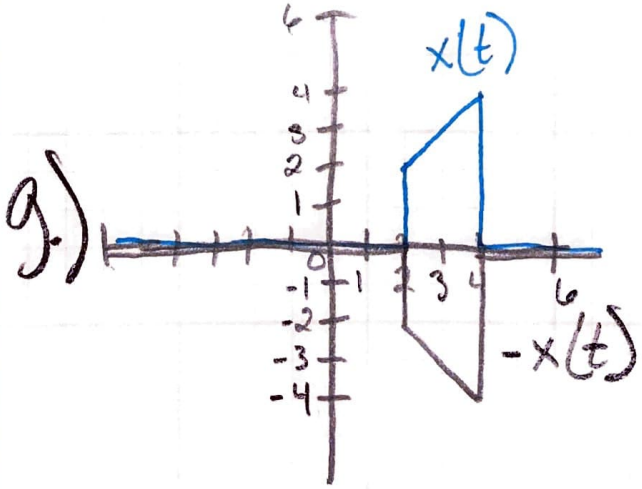

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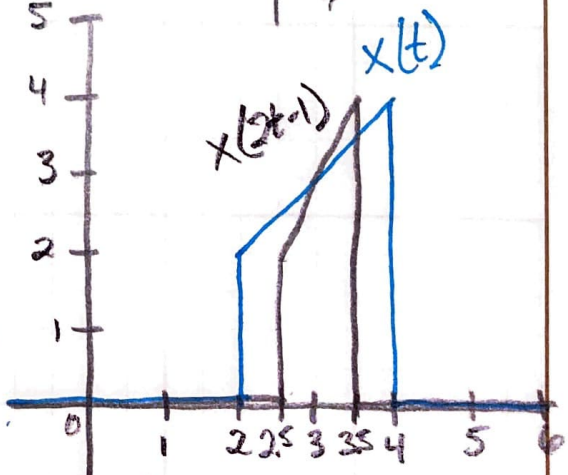
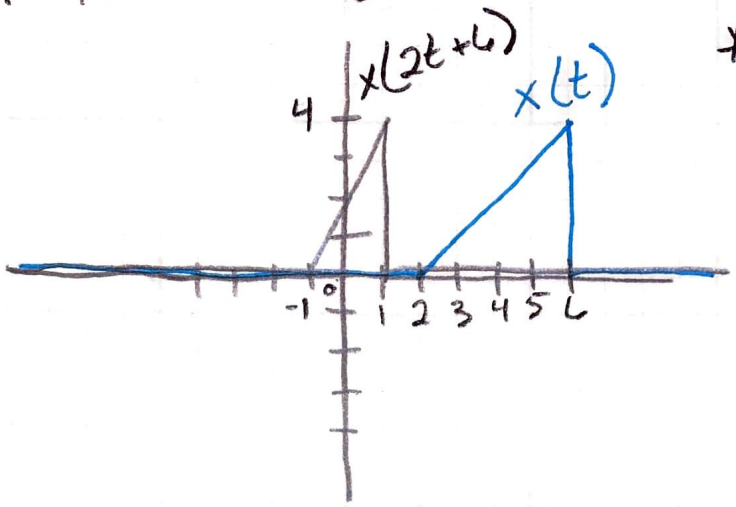


x(2t-1) * Shrink by 1/2
* Move → by 1/2

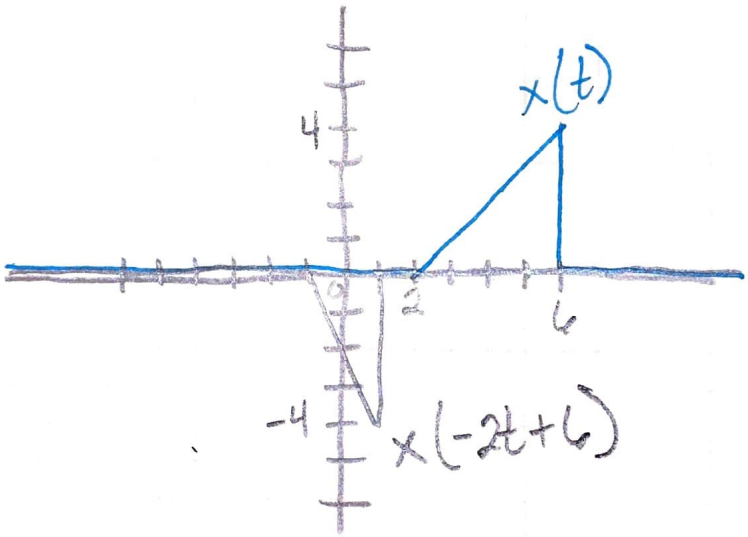
2.) 1.11 in textbook

a.)



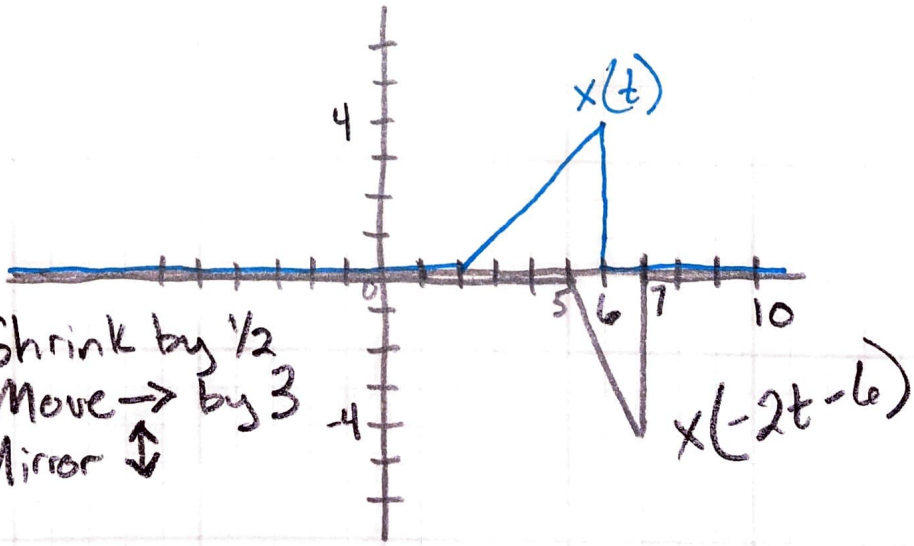
* Shrink by 1/2
* Move ← by 3

b.)



* Shrink by 1/2
* Move ← by 3
* Mirror ↕

c.)



* Shrink by 1/2
* Move → by 3
* Mirror ↕