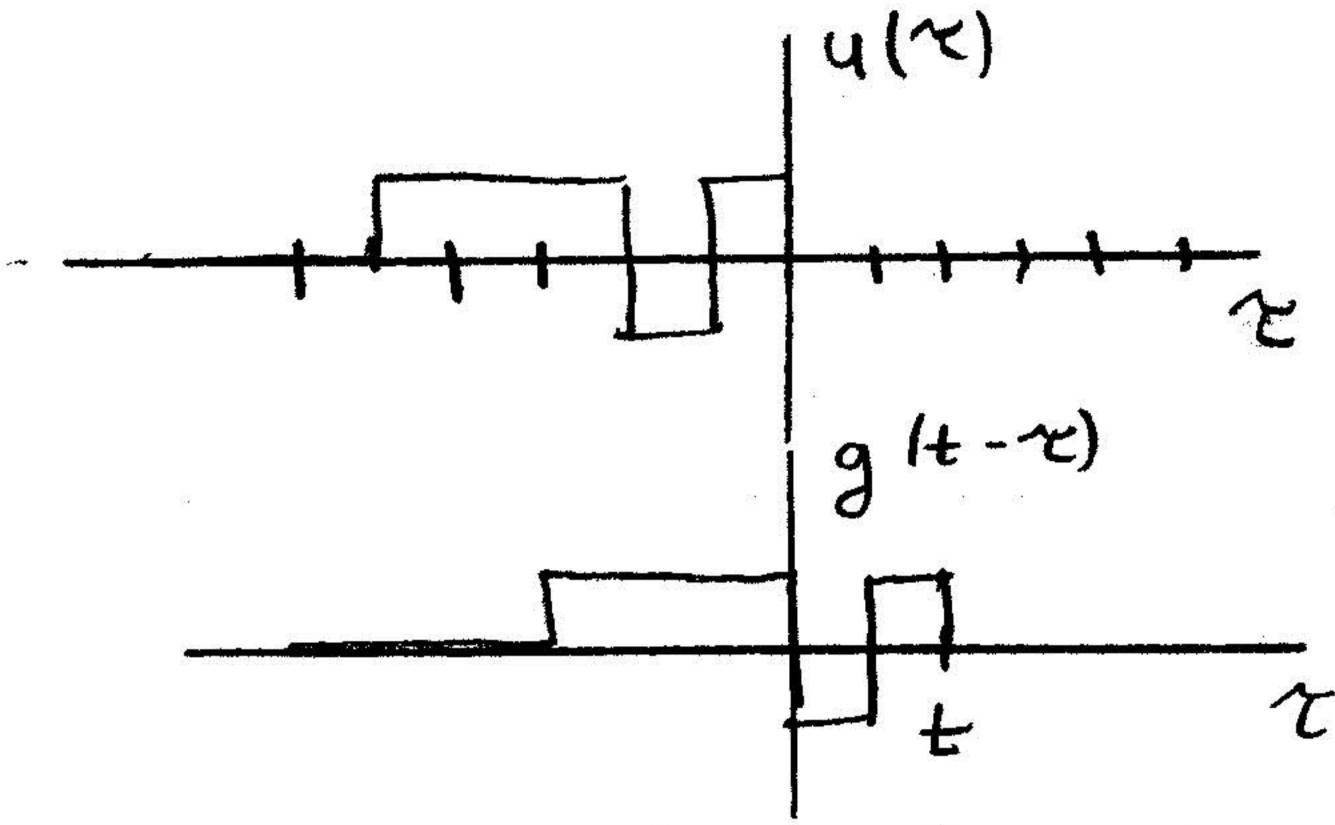
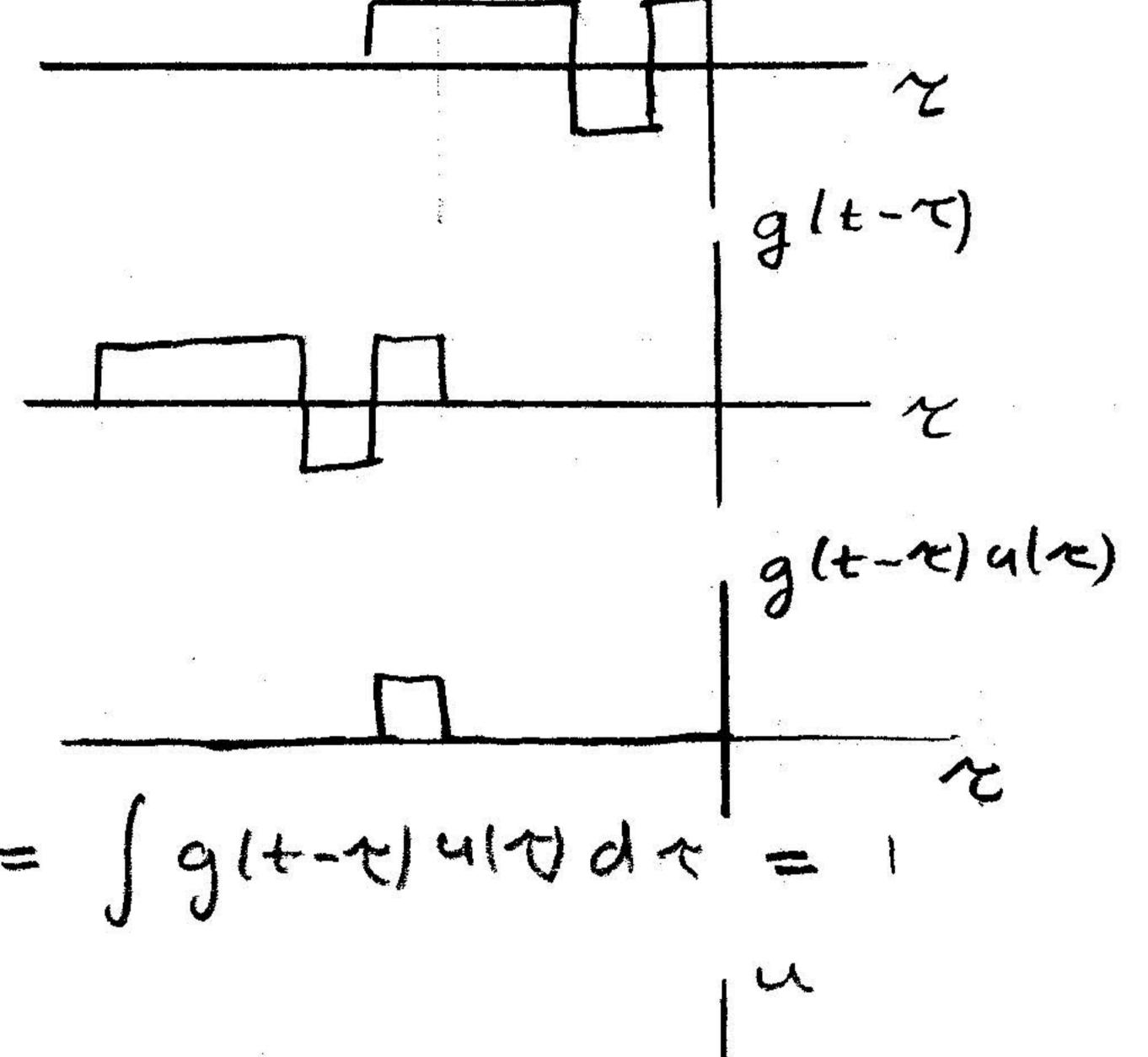
1. Because glt) & ult) are piecewise constant, ylt) will be continuous and piecewise linear. The corners by by evaluating at the integer, since the occurrers of glt) & ult) occur at the integers.

So do flip & slide:

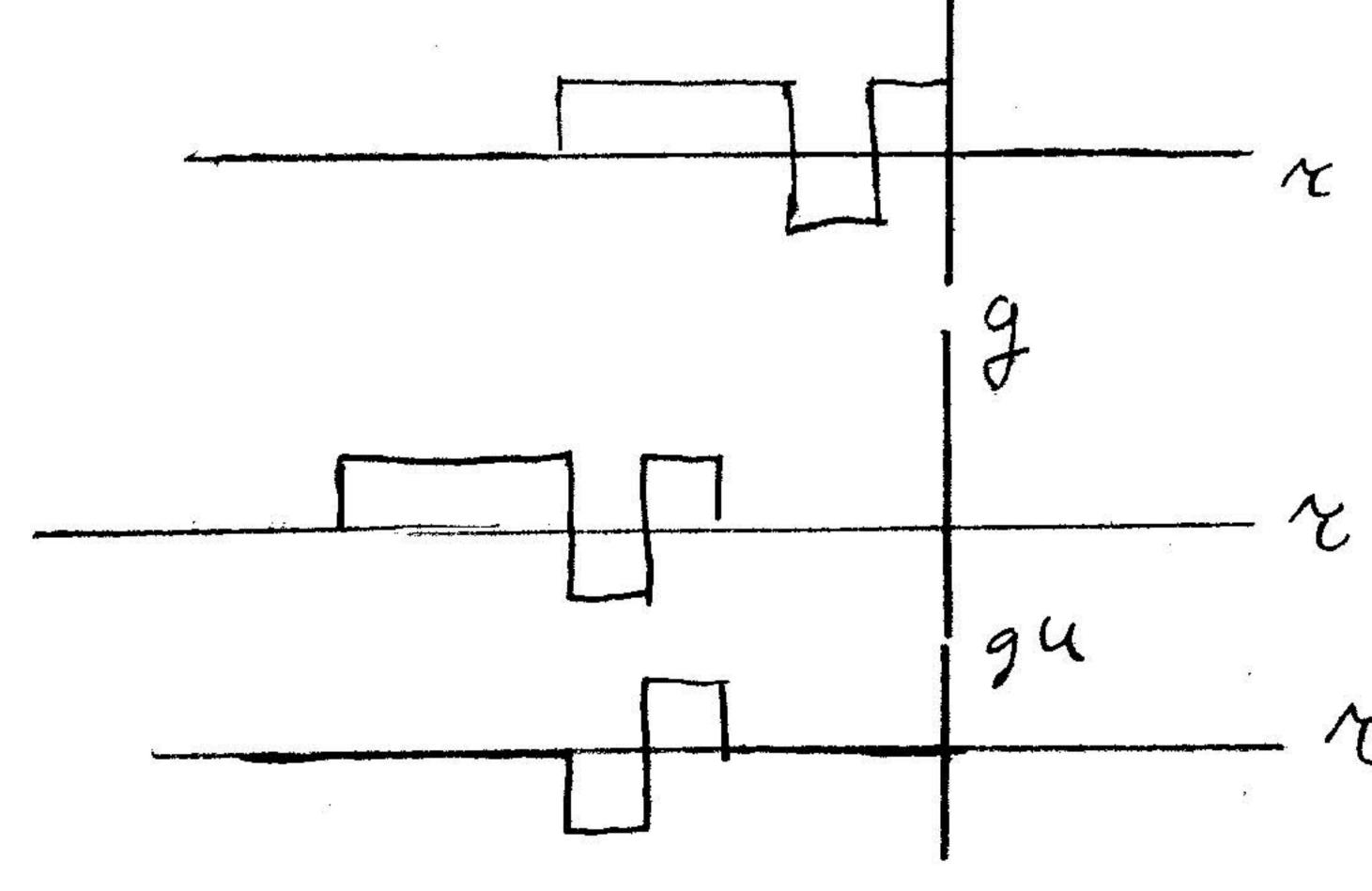


There is no overlap for t < -5 or t > 5. So do t = -4, -3, -2, ..., 4

士=-4:



-- 3:



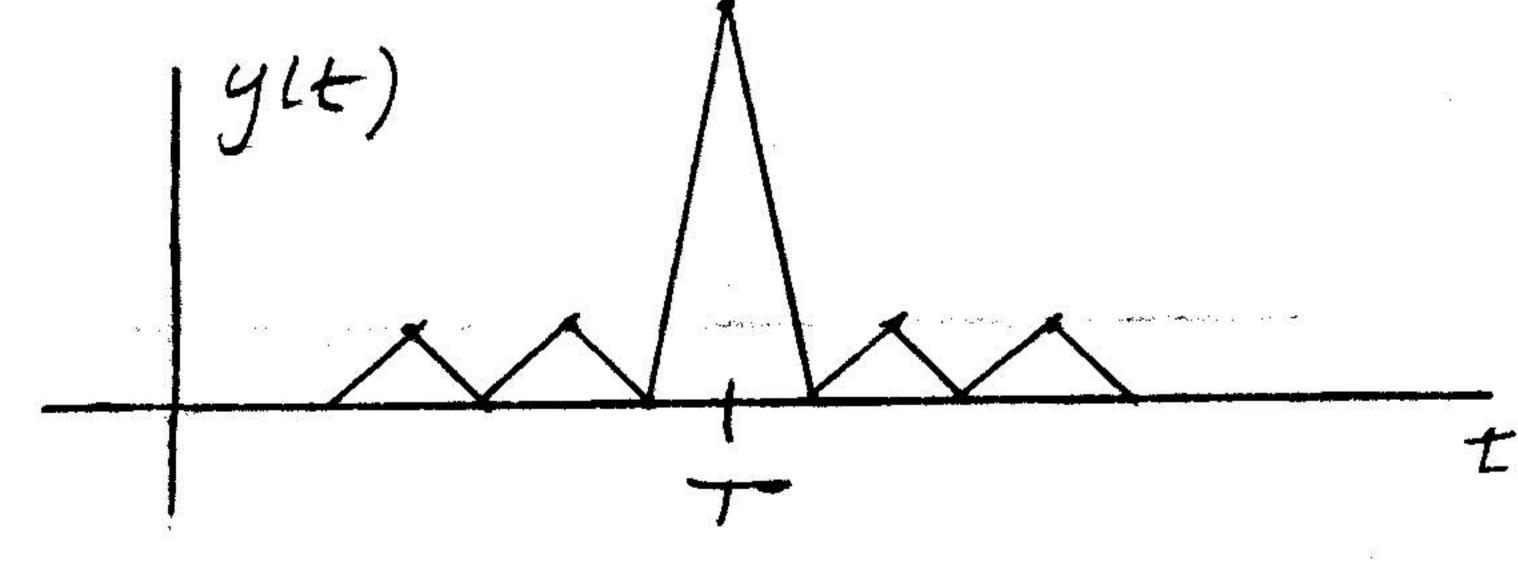
So y1-3) = \ing glt-t)ulteldt =0

Continuing in this fashion, we have

	4 (t)
- 3	0
- 2	
	0
	5
2	
3	5
5	<b>S</b>

So y(t) is:

2. By linearity and time invariance, delaying ultiply by T will simply delay y(t), so the convolution g(t) × ult-T) is as above, shifted right by T.



3. T is easily identified as the time at which the max of ylt) occurs.