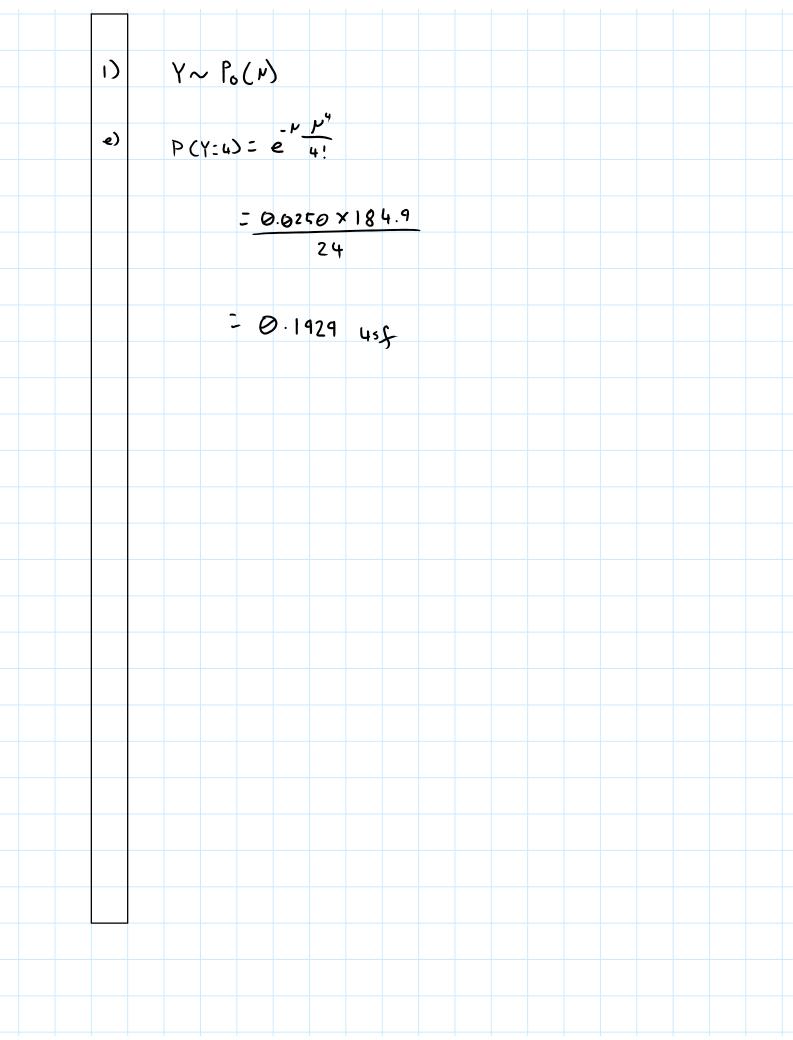
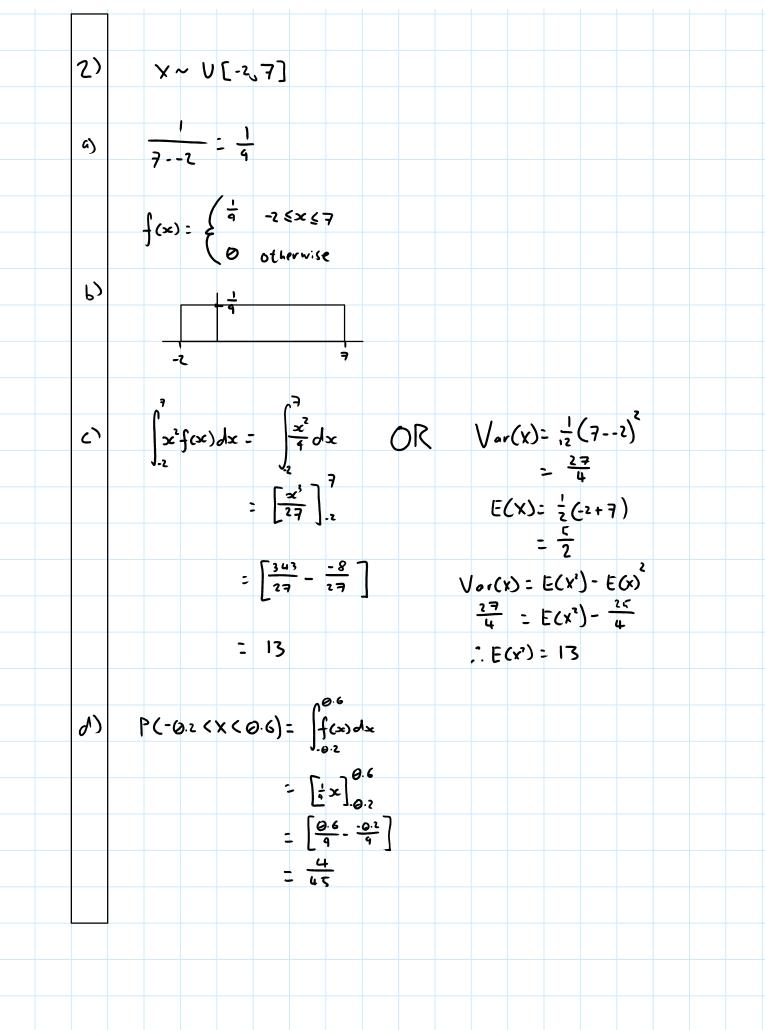
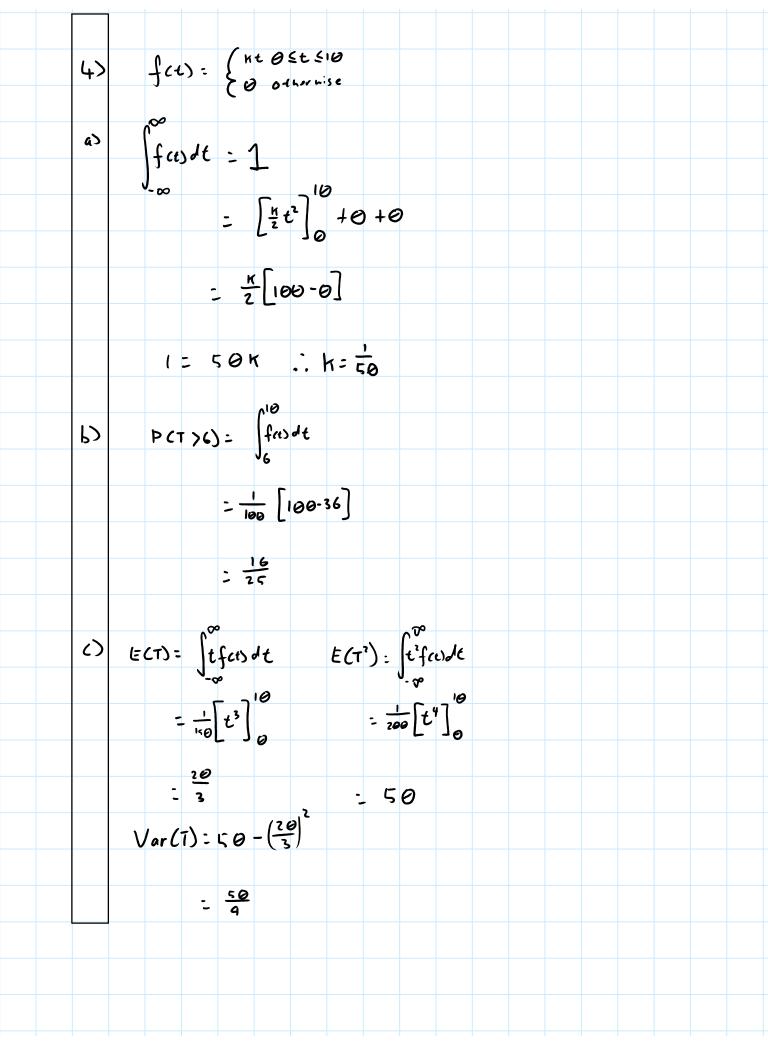
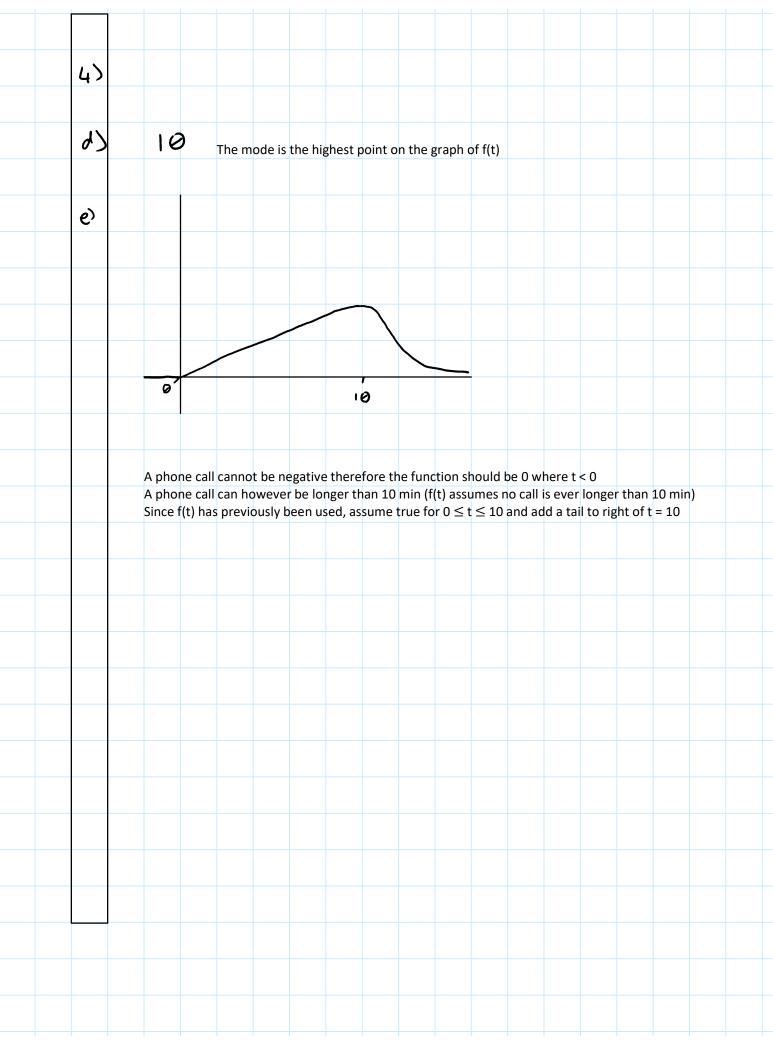
Janua	ary 2009 M	A - S2					
	$X \sim P_{o}$	(2)					
	× ° 1 ₀ (
			\				
(4)	P(x>2)=	1- PC X <	2)				
		1-0.423	32				
	2	0.5768	(4 Jp)				
P)	P(x=5,6)=	- P(XS6).	- P(x<5)				
		Q. 9665 .					
	-	0.15 IZ	(u J _P)				
	5.x		S'x'	2			
ى	N= -	Var(X	0- f -	μ-			
	$\mu = \frac{\sum x}{f}$ $= \frac{245}{80}$		- 1386 -	245 2			
	- 80		- 86	80			
	<u>-</u> 3.69 (85.	f)	= 3.726	sf)			
				,			
ل (The Poisson dis	tribution's mon	n and variance				
	$3.69 \approx 3.72 \text{ to}$ (•			





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3)	X ~	B(20,	0.3)											
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4)														
43		(≤1): 0.00 `			€ 9)=									
_	• P(x	≈ ≤ 2)= Ø.0) 355	PC×.			829	*						
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	× clo	sest to	2.5 •/.	PC	.×≥11									
							.017	1						
	Critical	Region	(×	2) V	(×	シニ)							
P)	0.0	355+0	.6171	= Ø	9.65	26								
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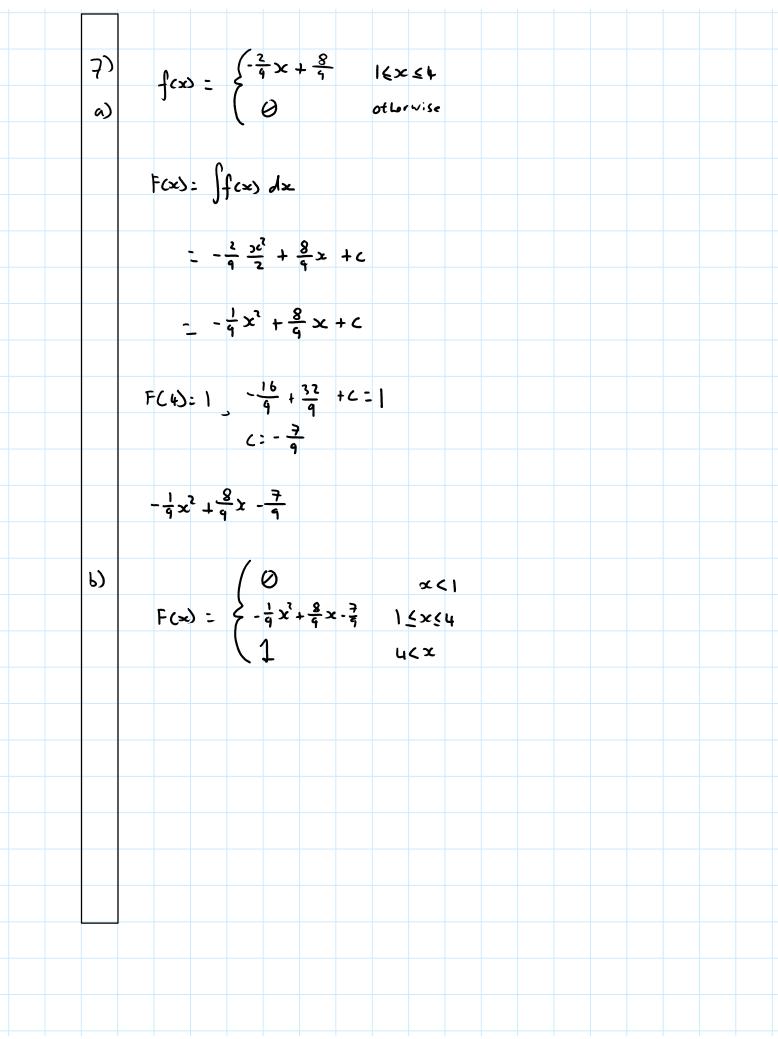




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			result.												
62							that v	isits ar	e inde	pender	nt, occ	ur			
	rando	mly ar	id at a	consta	int rate	₽.									

62	$X \sim P_o(14)$
	Y~ N(14, Jiu)
	z~N(0,1)
Ð	H_{θ} : $\lambda = 14$
	Η,: λ > 14
	$P(x \ge 20) \approx P(Y \ge 19.6)$
	<u>14.c-14</u> Z = JI4
	Z = JI4
	= 1.47
	P(Y > 19.5) = P(z > 1.47
	$= 1 - P(z \le 1.47)$
	- 0.070e
	0.0708<0.1
1 1	

Reject H_0 , accept H_1 There is sufficient evidence to conclude that rate of visits increases on a Saturday



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