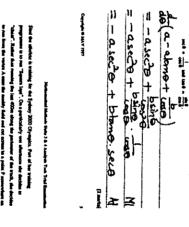


Show the r - 200 mg

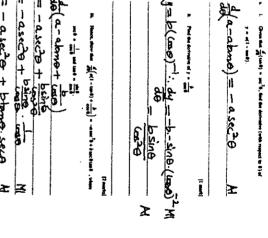
10mp = 28 = 22



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Hence, show that the function $T(\theta) = x(1 - \tan \theta) + \frac{\theta}{\cos \theta}$ will have a

stationary paint when sind a f

ts wato - aseatbhno = 0

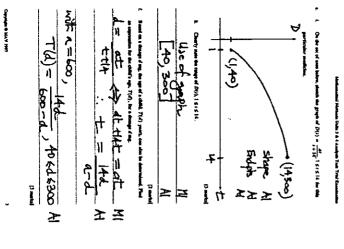
blomp = auco

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h. t. Show that If -ease to bacet und = 0 fan epect = bunt, O= (Owap + Base) =0

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Kange =[1,14] Domain = 40,300]

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i I	: KII 1 8400		= 600 + /++100	(±+14	D(+)= 600(++14)-8400	. Since the $x_1 > x_2 = x_1$ is a point of $x_1 = x_2 = x_3$ and the $x_2 = x_3 = x_4$ of $x_1 = x_2 = x_3$.	7	•	∴ \((0 − 14.58	(±+1 4)=-	1 8400	})'(t) = 600(++14)-600+	t. What is the rate of Change to which the drawps can be primited stored to the time u
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Compression in		1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 to day for an able to the drug has been sel a 600p. 4 to the grant of code for panel? 600 x f. 1333	
) B	300 - 40	1300 (#600) docanot become.	133 3	u type of analysise for ethidren a d by the equation $D(t) = \frac{dt}{t+12}, 1 \le t \le 14$.
[2 martel		M Williams	A.	god I to 14 years, where r

All student main have had 15 smalleys at cooking prior to stimuling the court 4(0)=15; 15=1co+C L Show that A+C+15 gedt = [-1/2/2] ·14) = 1842+c,0 <+ < 20 H 30 m/s ales at the east of their orders has been shown to follow in 15=1+0 # = -Ate .. 0 \$1 \$ 20 <u>į</u> 2 1

1 = 62 - 47 = 1/2 6	②-①: 30= A(€41) ::A=-47.49 =-47.(3 546 in160: C=62
0 42.420 kl	$\frac{1 \cdot A = -4/.45}{= -47 (2 dq)!}$

	=62-47	2-47-1/st	, may didan will on land
	116 ~	t 0 4t 420	we many dishan will an inasperienced another made by the end of the overse!
[1 mark]	<u>*</u>	Б	ed of the construct

	1 0 l670	R(V-1) = 100(0.2	
D and had		67 (0.7742) (0.7358)	D metal

D(1=0)= 10 (0.2642) (0.7358) = 0.0465 A1 $P(x-2|X_{2}) = P(x-2) = \frac{|x_{2}/2|}{1-0.5679}$ RUX2)-1-RUX-)-RUX-1) p=0.2642, 0=10 1. Y=8n(19,0.2642) MI If these with two or more teach ton rejected, find the probability find to 1 halch of 10 gians departs that manuscrip among the foresteen, when will be 1, more that are rejected 1. = | - 2xo.3679 = 0.2642= 0.240q Ĭ <u>Æ</u> ≥ ≥ ĭ≅

B(x=1)=1'xE' = 0.3679 R(X=0) = 1 x 2 = 0.3479 For plans these that makened I marrie by A marrie, had the probability had there will be For glass shares that managers 3 maters by 4 maters, altern that p. o. l. L= 5x4x0.05 = ad in given by $\mu=\pm x$ A , where λ is the rate at which finder excist per square mater. yer feels dan glass shape tron her plant how fields which extre 11 rush to 21 s per square metric r p. marginess the expected regarder of fights in a given theet of was A square **(X = 1) = E. **, 1 = 4, 1, 2 ... A

> The each 100 sheets () and)
> High best dat majorest 5 weeks by 6 majors some dat majorfichner \$1,00 to product. Shorts
> day commiss no parks or park at \$15,00, dates that consists out may be not at \$10,00 and
> the shorts of the shorts independent Each sheet is identical and E(P) = E(S-8) P=S-8 that have at had two seeds on disaloyed. What is the expected profit on 100 (Sm by 4m) plant them? = 1.1975 =0.3679x15+03679x10-8 M = 0.7865 Papalit, Sashing H interests

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puber of flushin (califord beauty) that carries in piece

Fayt. Profit = \$119.75

(18X) = 1= (cxx) &

L(5) = 45 : 45 = e 5k+C

Sam Bal Ar " + C = 45.

 $H_i = C_i$ to the $i = \frac{1}{3}$, that, is the numeral images, the values of A and C.

15=X+C -0

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