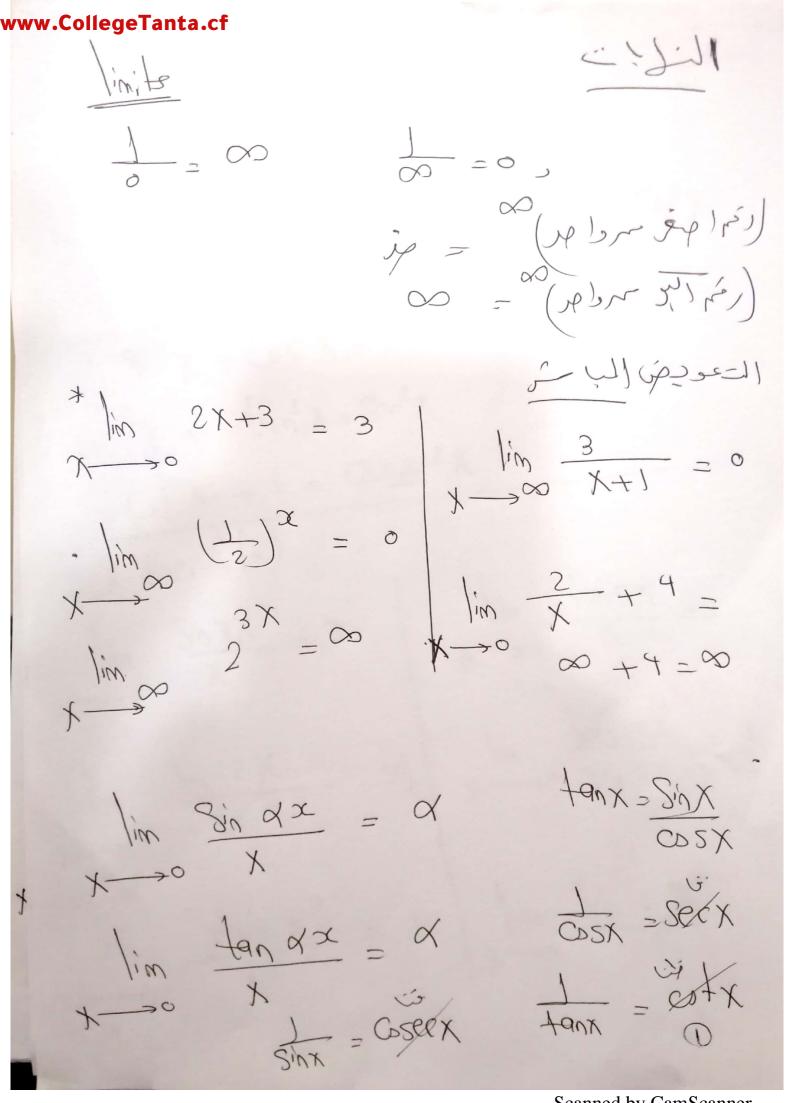
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Mob: 0112 3333 122	
0109 3508 204	



$$Sio2 X = 2 Sio X Co SX$$

$$Co S2 X = 2 Co S^{2} X - 1$$

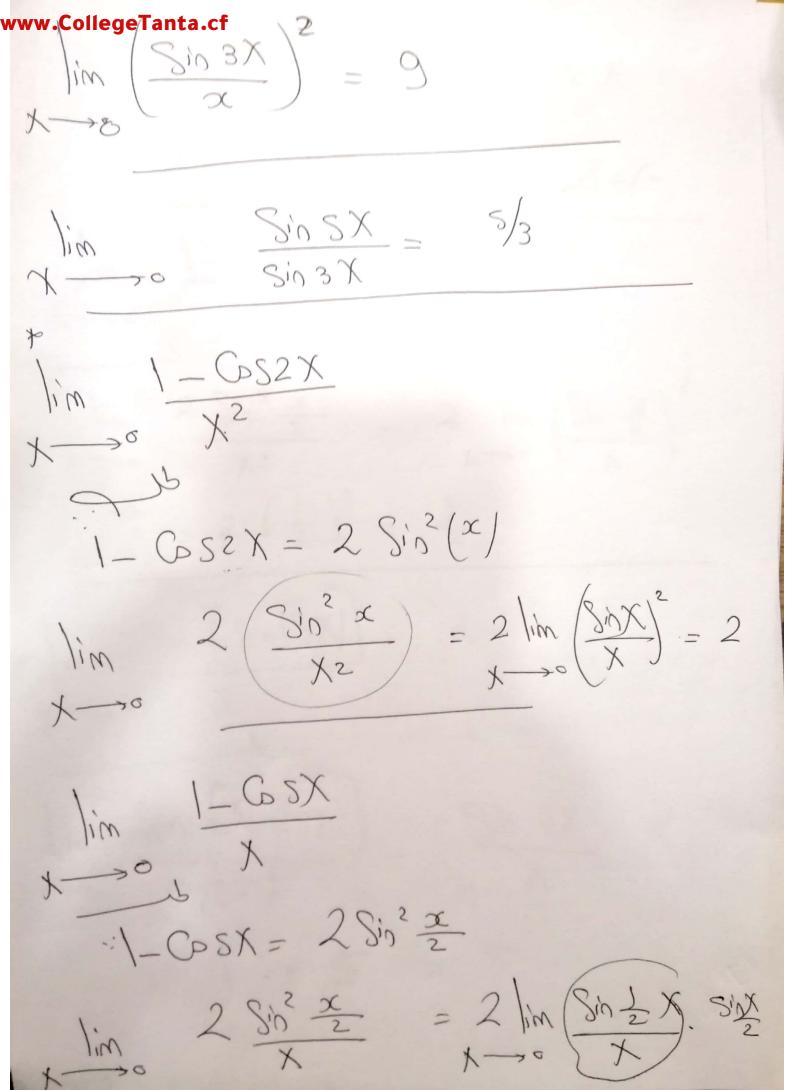
$$= 1 - 2 Sio^{2} X = Co S^{2} X - Sio^{2} X$$

$$Sio^{2} X + Co S^{2} X = 1$$

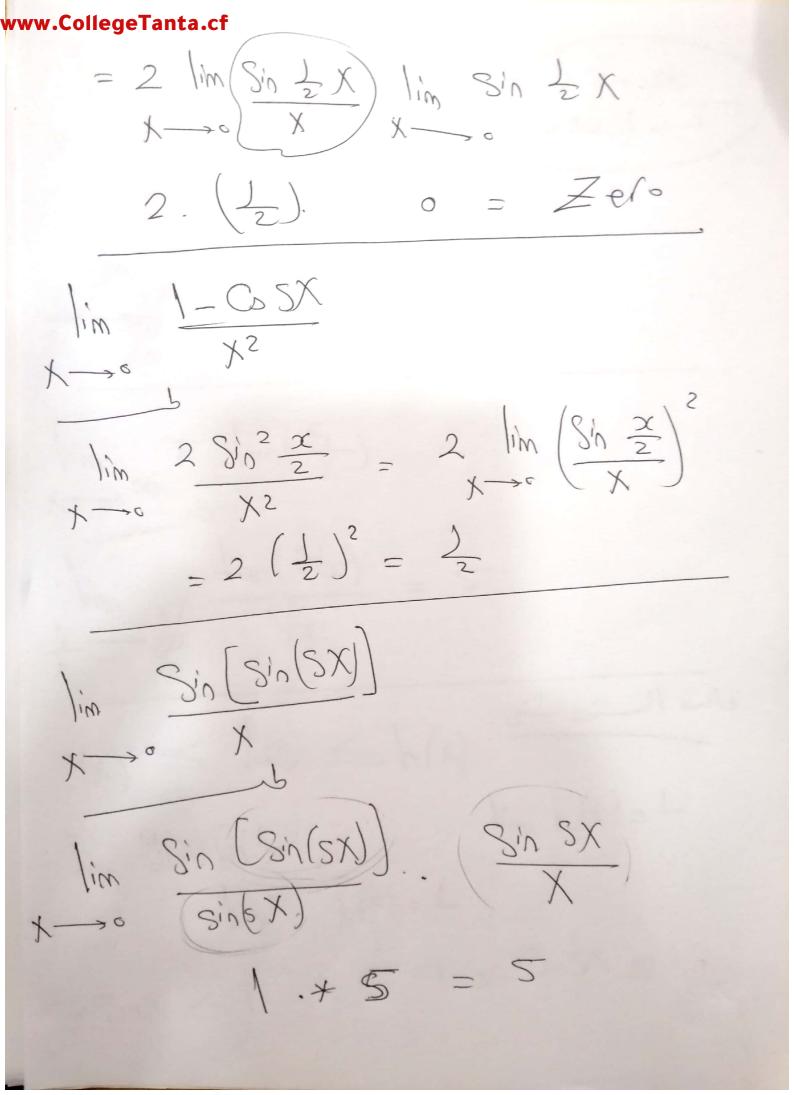
$$1 + 4 o^{2} X = Sec^{2} X$$

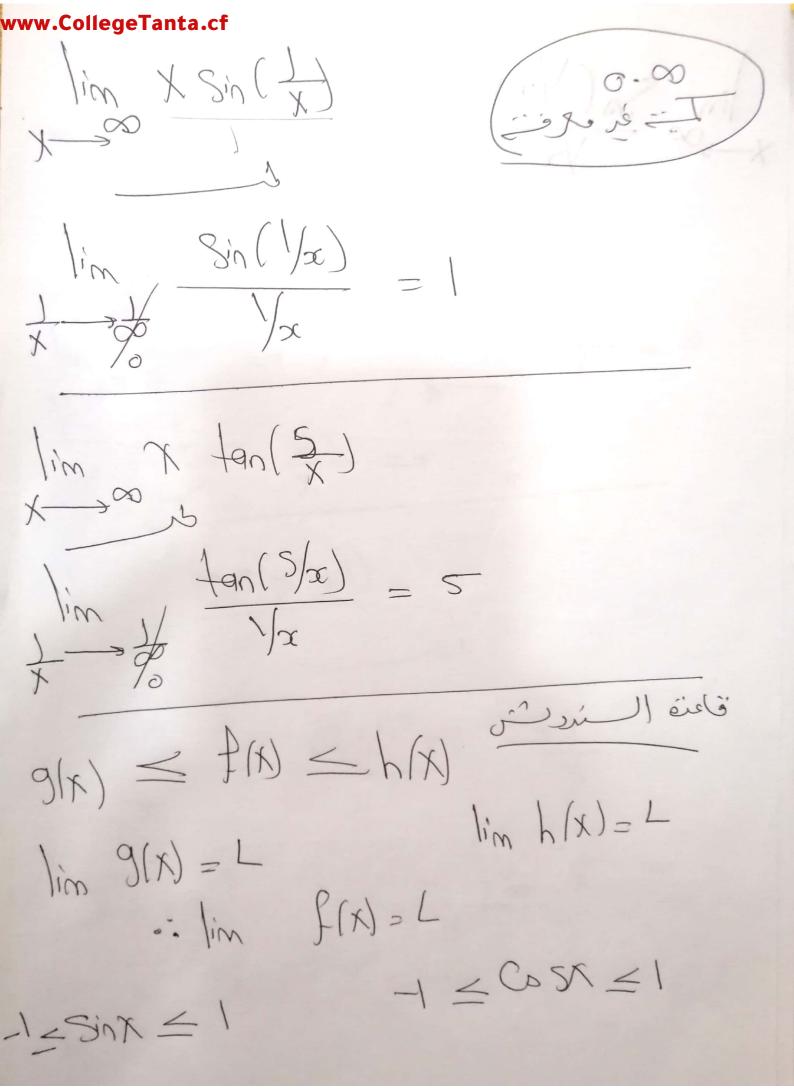
$$Cot^{2} X + 1 = Co Sec^{2} X$$

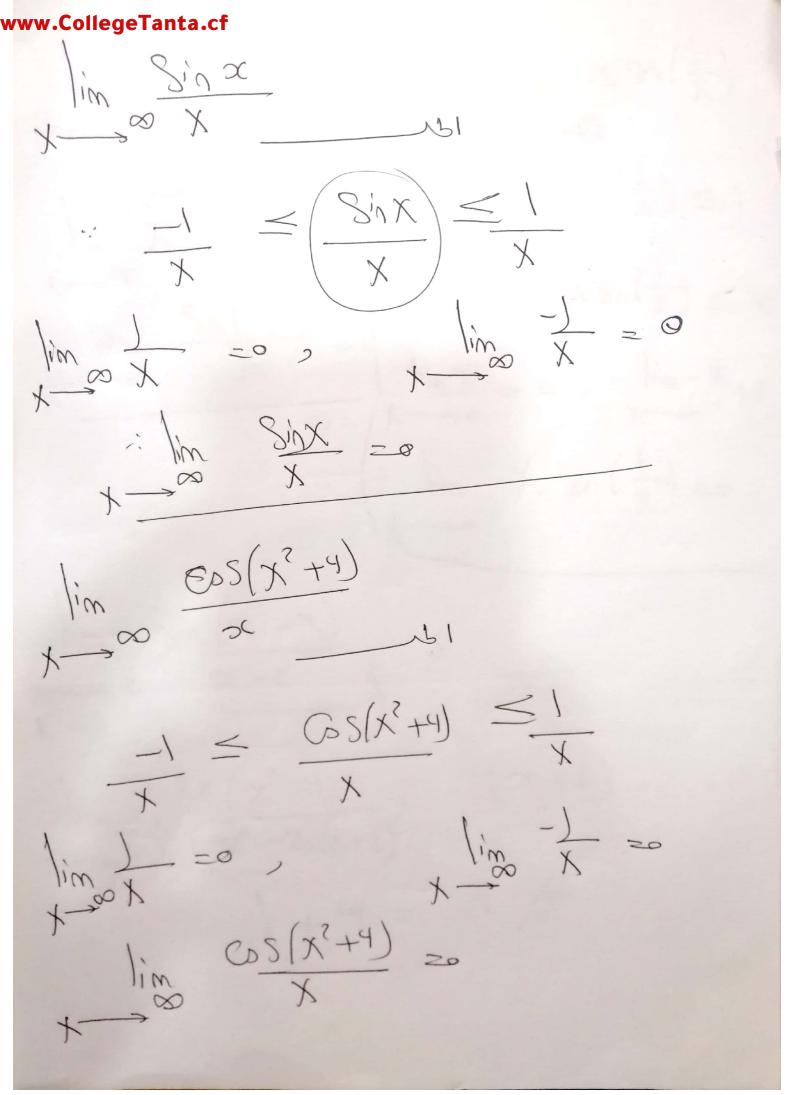
$$Cot^{2} X + 1 = Cot^{2} X + 1$$

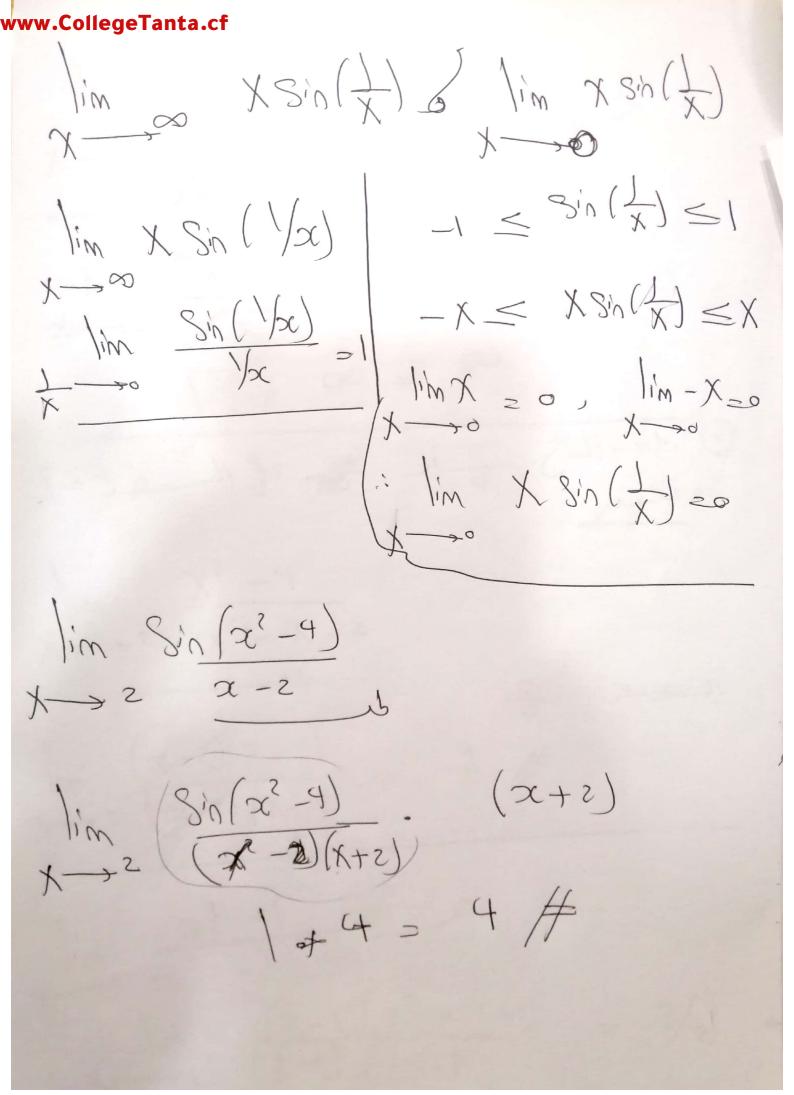


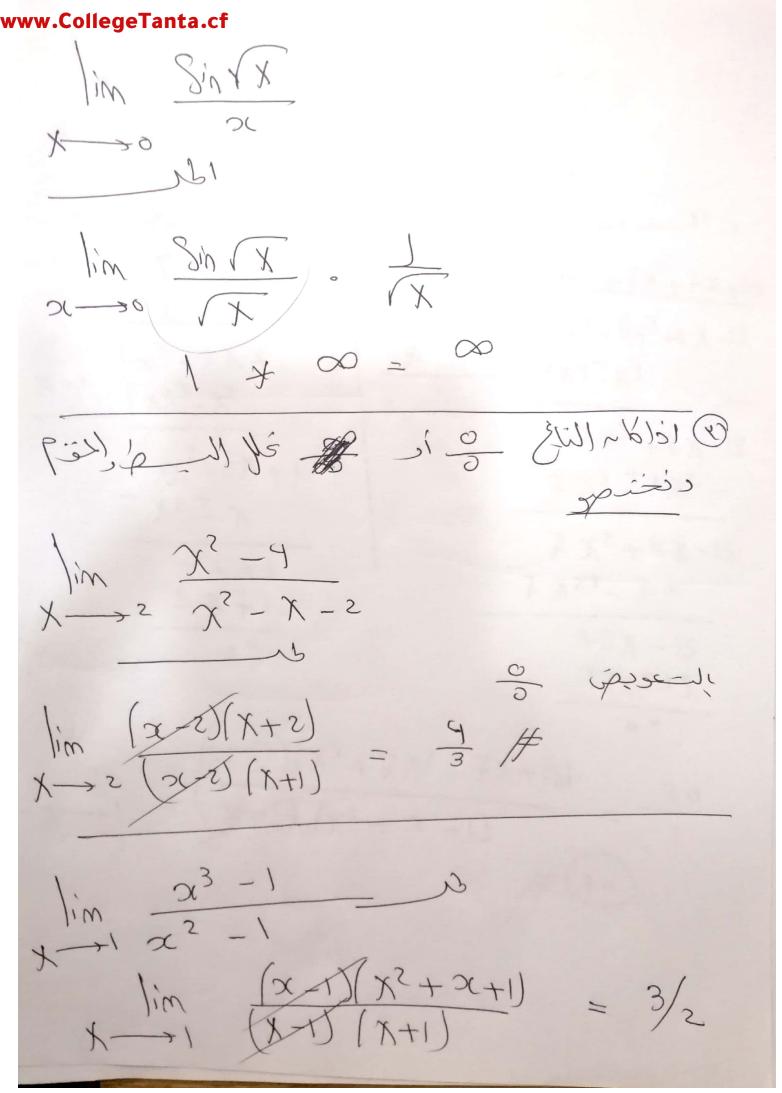
Scanned by CamScanner





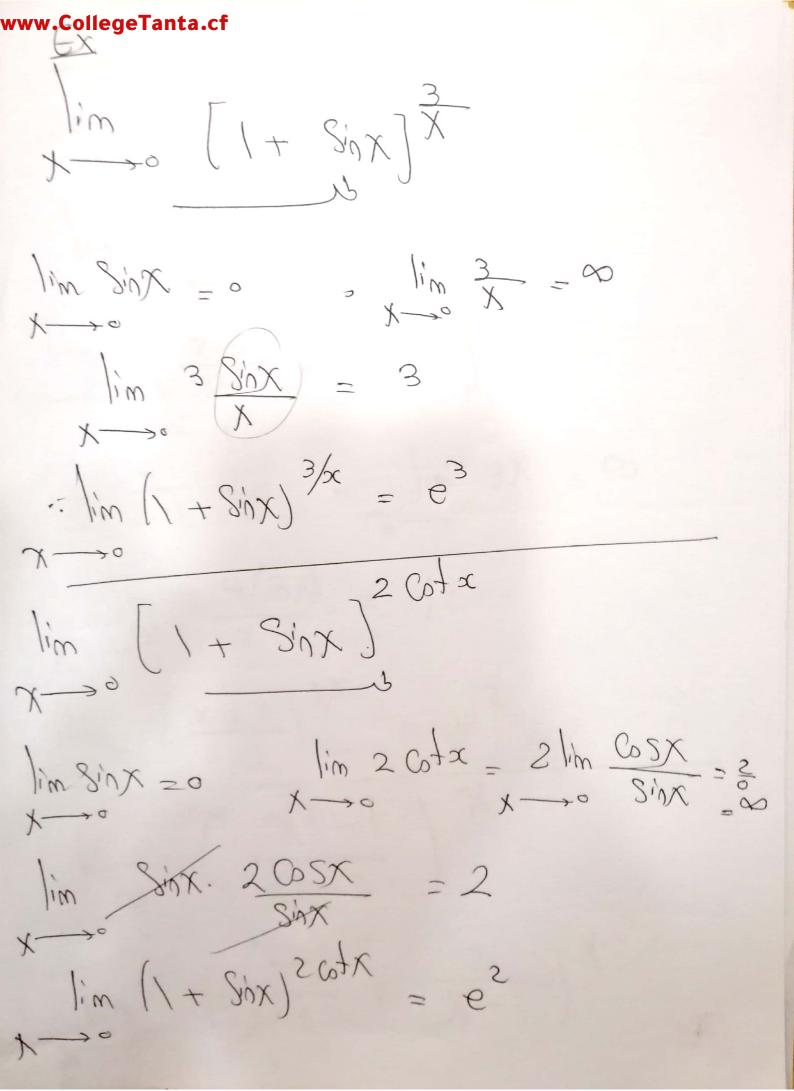


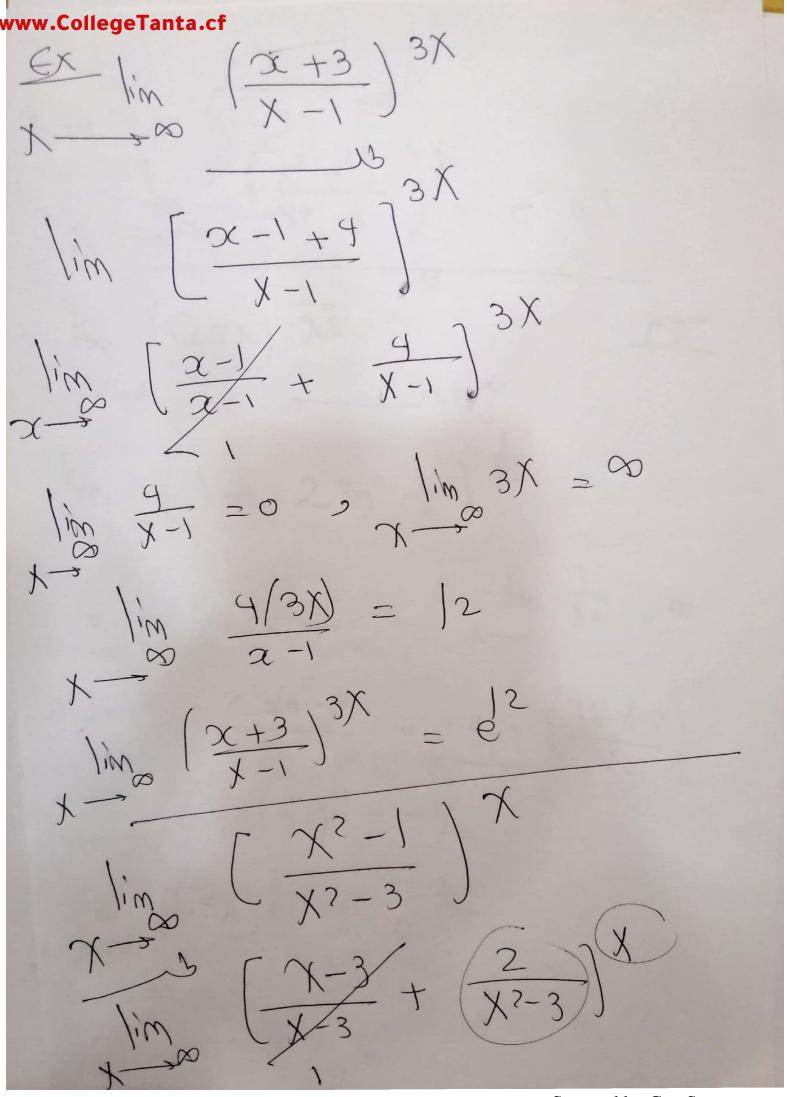




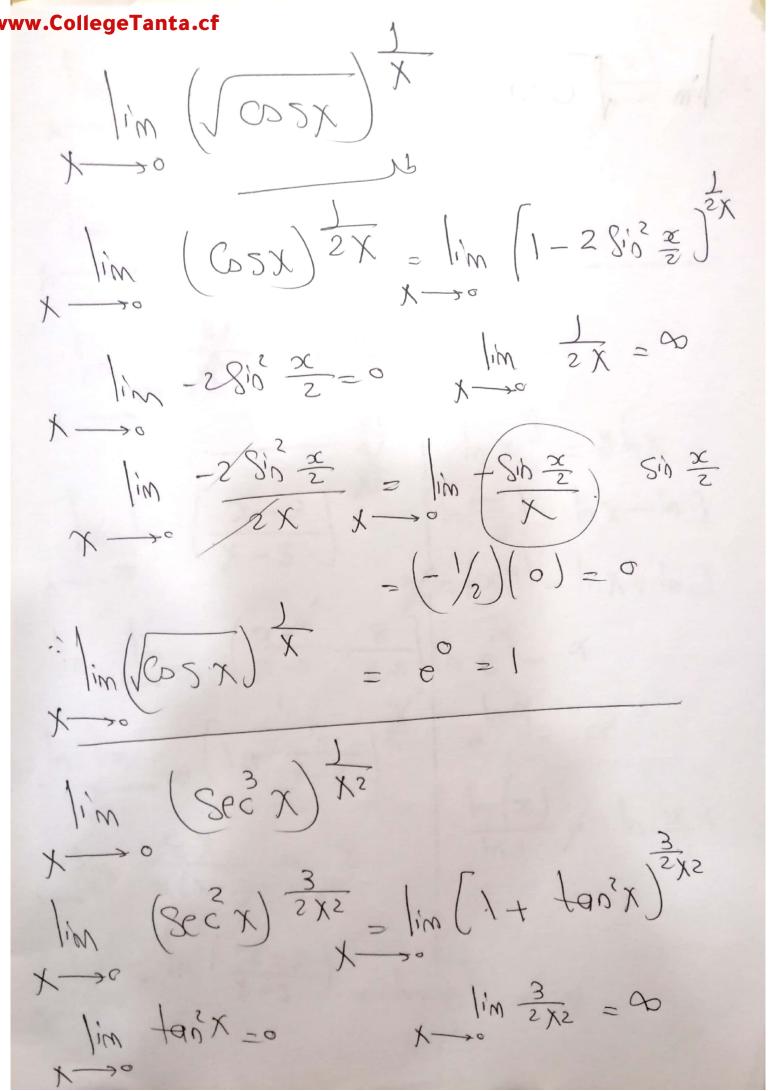
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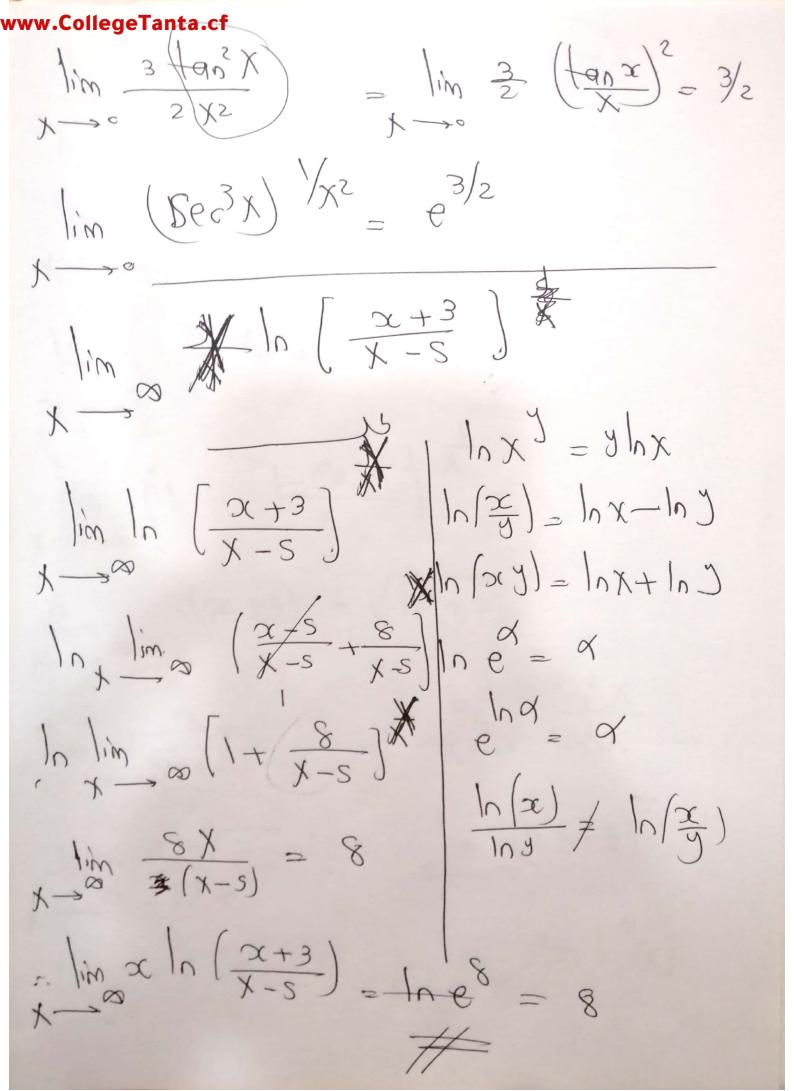
فاعن اول [م ت منا www.CollegeTanta.cf lin [1+ f.78 35 1,m & = 000 lim f = 0 Im f. 8 = C C= 2.7 00 lim [1+ f]d= 1im [1+ 2x] X lim 2X =0 , lim X lim 2 x. 1 = 2 $\frac{1}{100} \left(\frac{1+5x}{x} \right) = 6$ 1->0

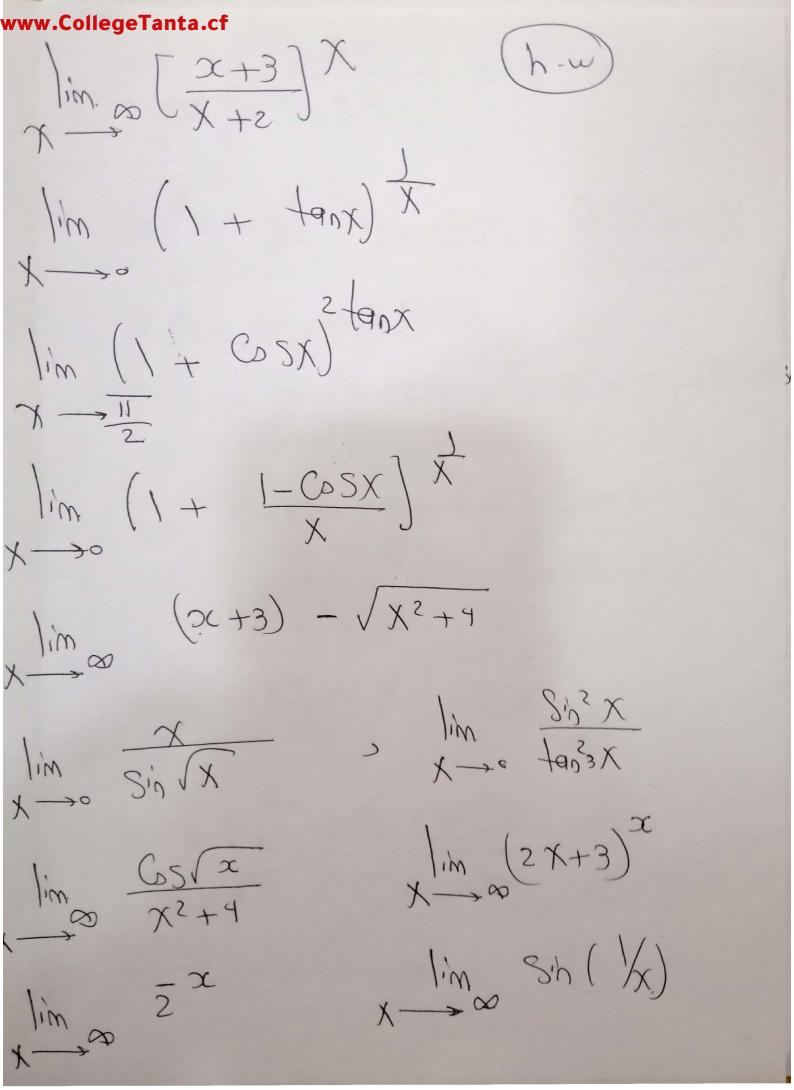




$$\lim_{x \to \infty} \frac{2x}{x^2 - 3} = 0$$







www.CollegeTanta.cf lim Sin3X X-311 Sin 2X Sin (x+y)= Sinx Cosy+ Cosx Siny Sinzx = 2 Sinx ODSX Sin3X = Sin(x+2X) = SinxCossx+Gsxsixx · I'm Sinx Cossx+ GSX SigeX X-11 SINSX SIASK Lim Cosx + Sinx Cosex

X-11 Sinex -1 + lin Sinx Cosex oc-JI 2 Six Cosx $-1 + \frac{1}{2} = -3/2$