

4=fcx) fea) X= 9 f (a) Slope f'let w Thyput Line (3,9) 4-f(a)=f(a)(x-a) -9 26 (x-3)

- (X2+4)
- (X2+4)
- (x2+4)
- (x3+4)
- ( F(x)=-1/3 (X2xy) (X2xy) (X-2)2, ]  $f(x) = \frac{(1)^{\frac{1}{2}}(1)^{\frac{1}{2}}}{(1)^{\frac{1}{2}}}$ 

12-2 12-44 1. Xet 1. fire = (x-2)/3 (x2+4)/3

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...

F(X) - X+Z F(X)= (+7-)(1)-(X+Z)1  $=\frac{5}{(x+7)^{2}}=\frac{5(x+7)^{2}}{(x+7)^{2}}$  $f'(x) = 5. -2(x_{47})^{-3}(x_{47})'$   $= -10(x_{47})^{-3}$ F(x) -6 (2x-6) P7541 by 6 9(x)=f(x+a) 9(x)=f(x+a)"

f(x)=(x+5)(x2-4) = X3+5X2+. f"(x)=6x +10 = 0 -10/6 X= -10/6 3/2 x10x - 4

$$F(x) = (x^{3}-3x)$$

$$F'(x) = z(x^{3}-3x) \cdot (3x^{2}-3)$$

$$F'(x) = 3 y(x) \cdot y'(x)$$

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$$(x^{2} + y^{2} = 1 - x^{2}$$

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$$(x^{3} + y^{3} = 1 -$$

x2+ y2 = (2 + Y(x) = 2x + 24/13/61=0 (x)Q Not all hinchons have derustives VIXI Some don't have a derival arywhere but are still Continuous