Yohan	es Dimor Protomo
4102 -	A11.2021.13254
1 1	
T/11m =	(x+h)==ca)
ALCX	$=2x^2-3x$
17. LOX	= lim = (x+h)- (x)
P	$h \rightarrow 0$
	= Ism = [2(x+h)2-3(x+h)-(2x2-3x)]
	h->0
	= lim = (2(x+h)2-2x2+3x-3(x+h))
	h-> /)
	= sm = (2(x2+2xh+h2)-2x2+3x-3(x+h)) h=0
	h 70 l h 1 l 2 l 2 l 2 l 2 l 2 l 2 l 2 l 2 l 2 l
	= (11m 2x2+4xh+2h2-2x2+ 11m 3x-3x-3h)
	(h-20 h h-20 h)
	= (lim h(c/x+2h) + lim -3h h-00 h
	= (lim 4x+2h ; lim (-3))
	$= \frac{1}{2} = $
18.15cx)	= <u> </u> = <u>X</u>
	X
) (x)	$= \lim_{h \to 0} (x+h) - x$ $= \lim_{h \to 0} (x+h) - x$
	$\frac{h=0}{h=0}$ $\frac{h=0}{h=0}$ $\frac{h=0}{h=0}$ $\frac{h=0}{(x+h)}$ $\frac{h=0}{x(x+h)}$
	$\begin{array}{c c} h \rightarrow 0 \\ = lim \\ h \rightarrow 0 \\ \hline \end{array} \begin{array}{c} (x+h) - \overline{x} \\ = -1 = -x^{-2} \\ \hline \end{array}$
	= lim (x-(x+h))
	h->0 (x2+hx)
	= lim (-h)
	hou (XCX+h)
	\ h \

```
2. A. = (x"+2x) (x3+2x2+1)
                                      U(x) = \frac{1}{3} + \frac{1}{2}
V(x) = \frac{1}{3} + \frac{1}{2} + \frac{1}{2}
V(x) = \frac{1}{3} + \frac{1}{2} + \frac{
                                                                                V'(x) = 2
F'(x) = U' - V - V' \cdot U
                                                                                                                                                                              = <u>CIX(2X) - 2(2X<sup>2</sup>-3)</u>
(2X)<sup>2</sup>
                                                                                                                                                                                 = 8x2-c1x2+6
                                                                                                                                                                                   = 61X2+6

\begin{array}{lll}
A \cdot 2X'' + y'' + 2X + y'^2 = 3X + y'^3 + y' - 3 \\
2X'' + y'' + 2X + y'^2 - 3X + y'^3 - y' + 3 = 0 \\
&= (8X^3 + y'' + 8X'' + y'') + (2 + y'' 
                                                 (VISION)
```

