arcle

THE CIRCLE OF RADIUS &

ELL (PSE

THE ELLPSE IS ALL POINTS

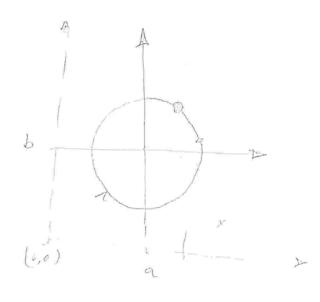
(x,5) FOR WHICH THE

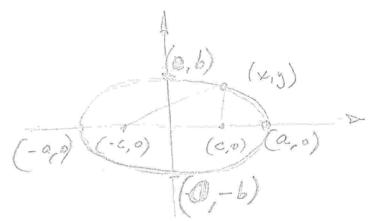
EVAN OF THE DISTANCES

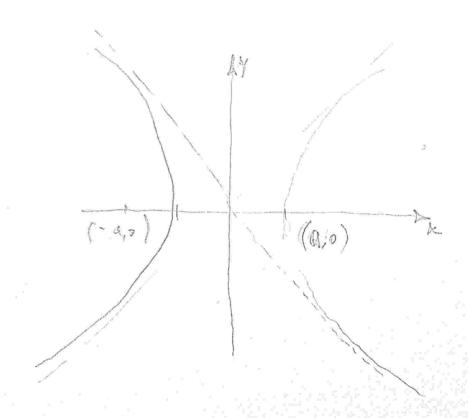
TO THE FORB 13 200.

HYPERBOLA

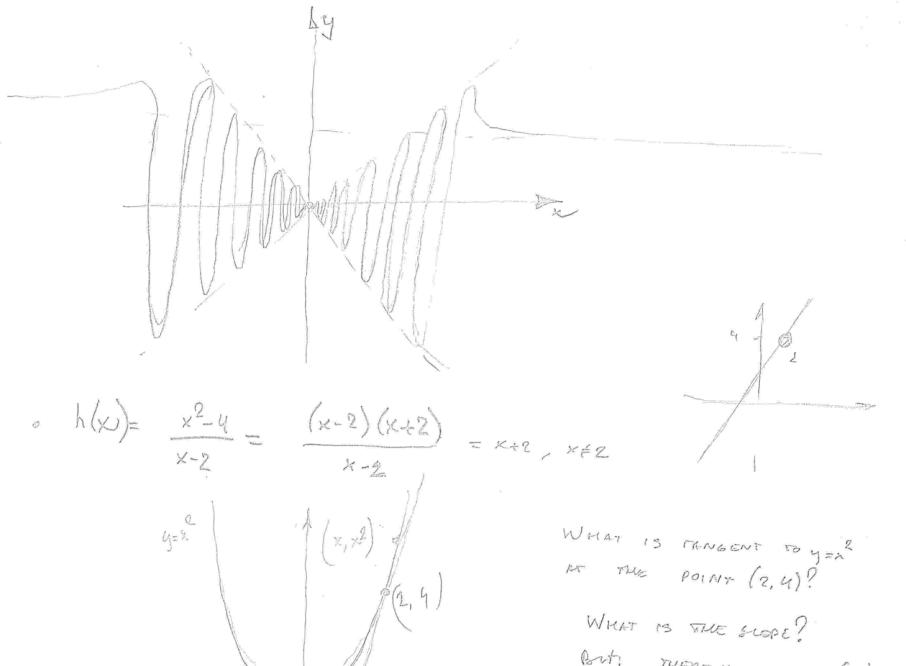
ASYMPTOTES







CONSIDED &(x)=x & m (1/x).



Port: THERE IS ONE FORMY (2,9)

CONSIDER THE RUDGE!

 $M = \frac{x^2-4}{x-2}$, As $k \to 2$, m=x+2=4.

=> 4 is the floor of THE

A FUNCTION f(x) MAS A LIMIT L AS XAPPRODACHES a, AND WE WRITE $\lim f(x) = L$, $x \to a$ IN $\exists b, c$ WITH ac(b, c), i.e., bcacc,

AND f(x) is defined at therefore $x \in (b, c)$ except possibly $at x \doteq a$:

₩ € ≥ 0 ∃ 6 >0: K-a | « => β(x)-L | « €.