$$| Kahllom Stuff$$

$$| (o_{\zeta}(x) := (n(x) := E^{-\gamma}(x) \quad (x \in [0, \infty))$$

 $(o_{S}(1) = 0, (o_{S}(c) = 1)$

(os (xy) = Los (x) + (os (y)

 $\left(o_{\mathcal{S}}\left(\frac{x}{y}\right) = \log\left(x\right) - \log\left(y\right)\right)$

 $los_a(x) = \frac{(os_b(x))}{los_b(a)}$

 $tah(x) := \frac{Sih(x)}{cos(x)}$

(os (xm) = m. los(x)

crctch(x) := tan (x)

(sir (x)) = cos(x)

(cos(x))' = -sin(x)

 $\left(\tan(x)\right) = \frac{1}{\cos^2(x)}$

 $(arctan(x))' = \frac{1}{2+x^2}$

$$F^{-1}(x)$$
 $(x \in [0, \infty))$

$$=$$
 (x) $(x \in \mathbb{N})$

 $Sin(x+\frac{\pi}{3})=cos(x)$

$$-1(x)$$
 $(x \in \mathbb{R}^n)$

 $a^{\times} = e^{\times \cdot (os(a))}$

 $a^{x+y} = a^x \cdot a^y$

 $(a^{x})^{\gamma} = a^{x \cdot \gamma}$

sin (x + 17) = - sin cos(x+17) = - cos(x)

Sin(x+211) = sin(x) (os (x+217) = cos(x)

 $(o_S(\alpha^X) = (o_S(e^{X \cdot log(\alpha)}) = X \cdot (o_S(\alpha))$