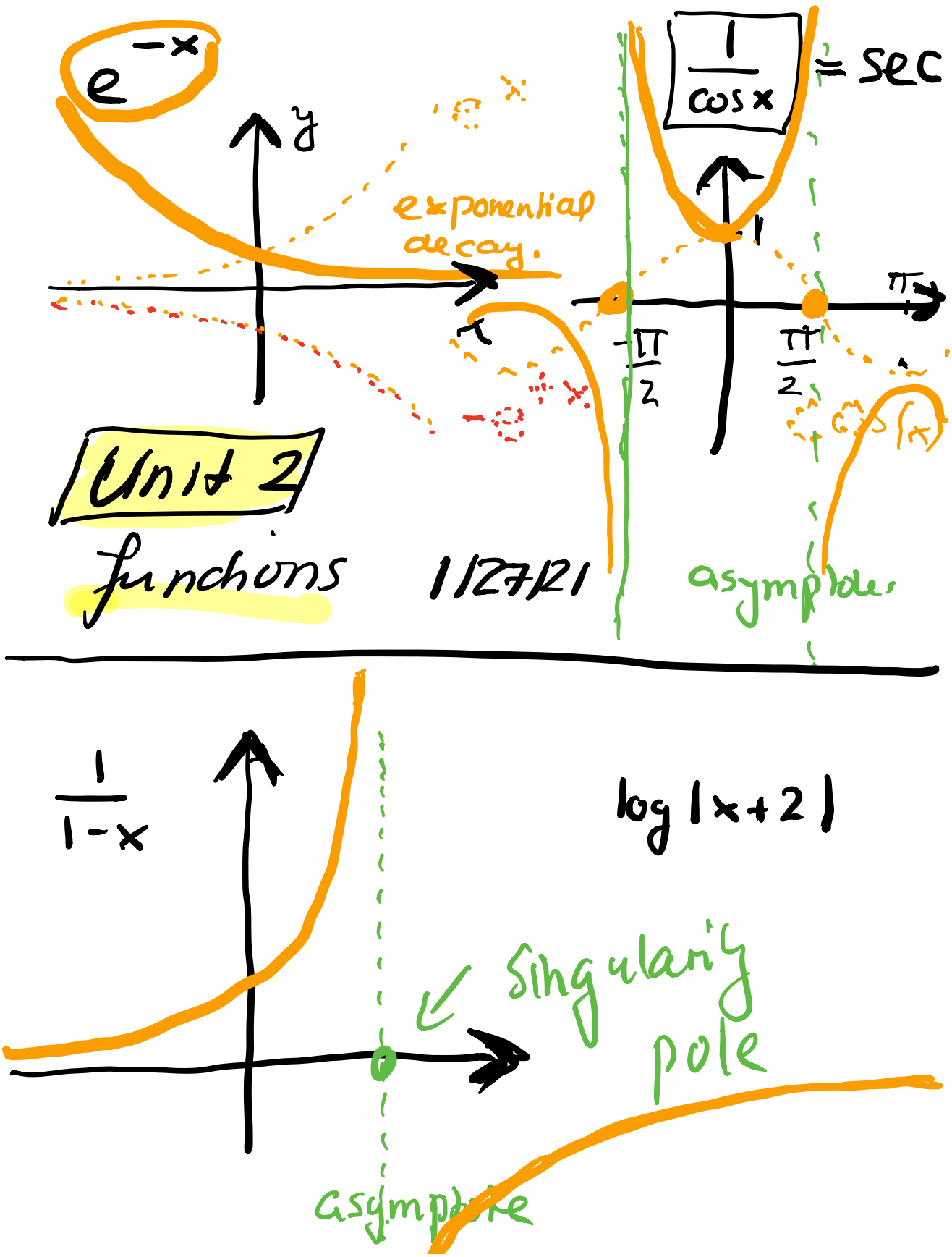
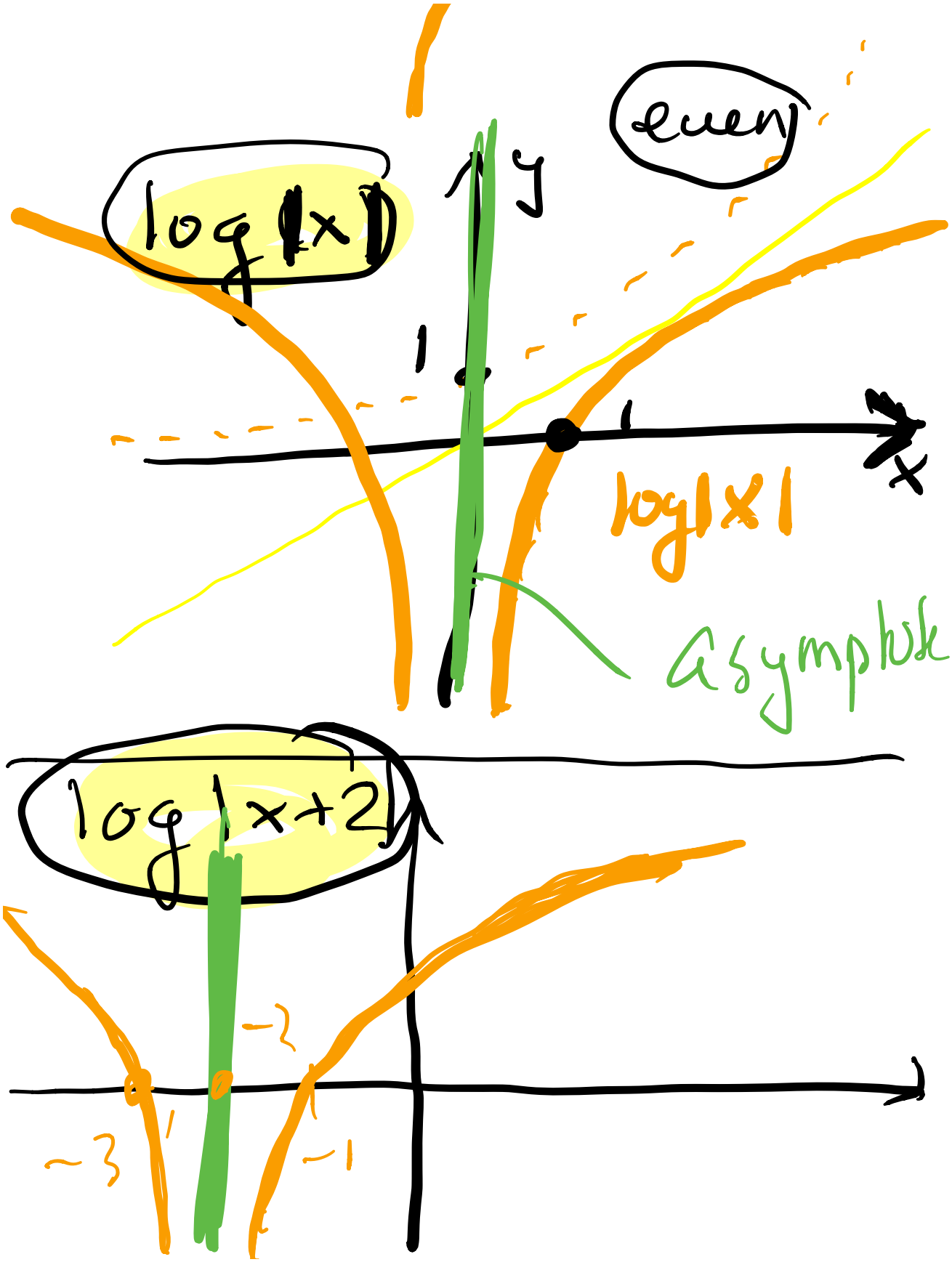
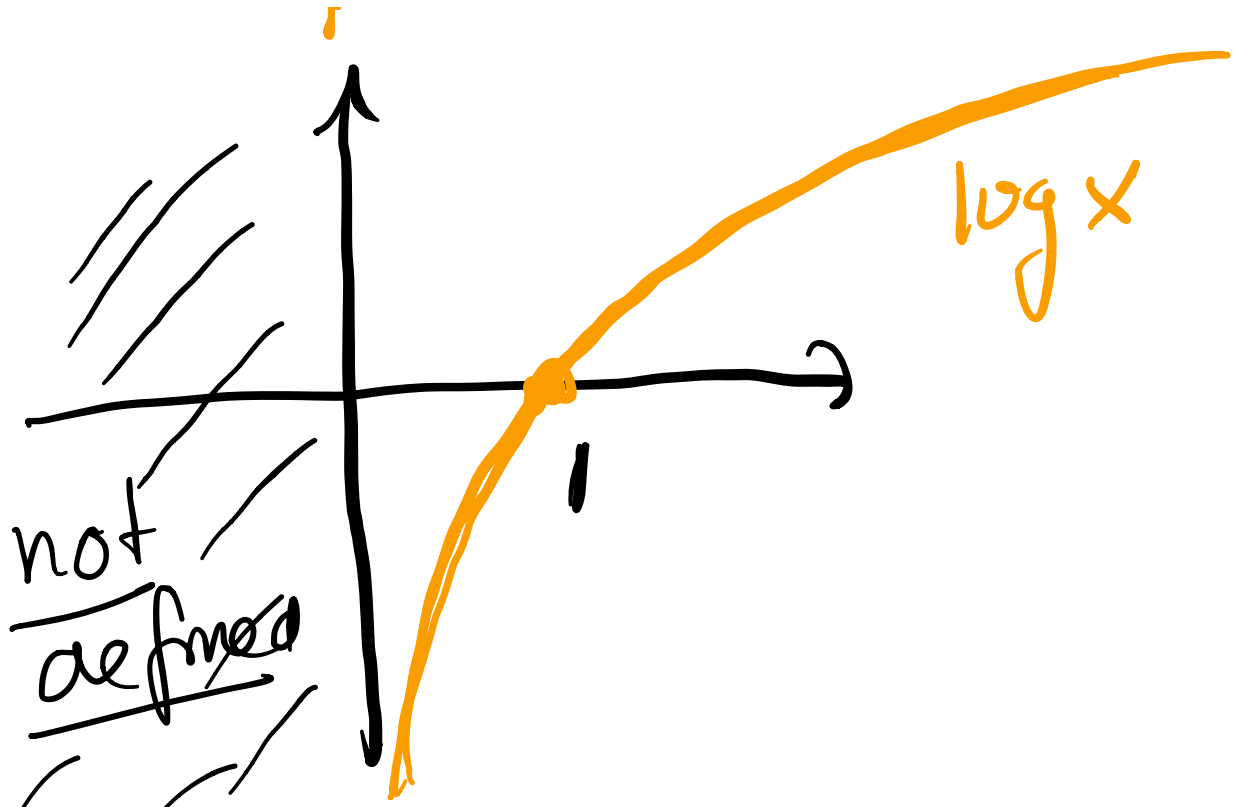

e^{-x}
y
exponential decay.
$\frac{1}{\cos x} \cong \sec$
1
π
$-\frac{\pi}{2}$
$\frac{\pi}{2}$
$\cos(x)$
Unit 2
functions
1/27/21
asymptote.
$\frac{1}{1-x}$
$\log|x+2|$
singularity
pole
asymptote


even
log|x|
y
1
1
x
log|x|
asymptote
log|x+2|
-2
-3
-1

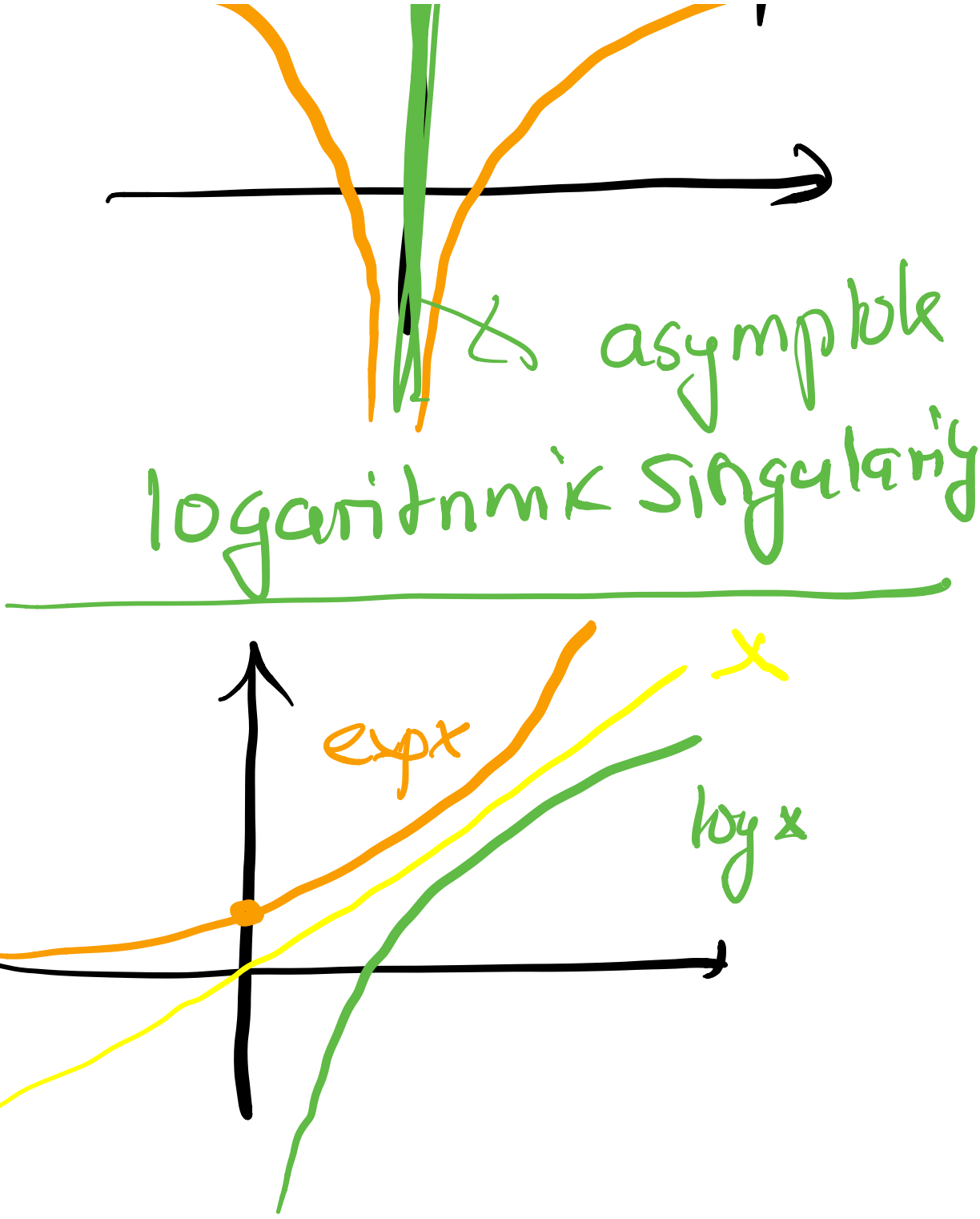


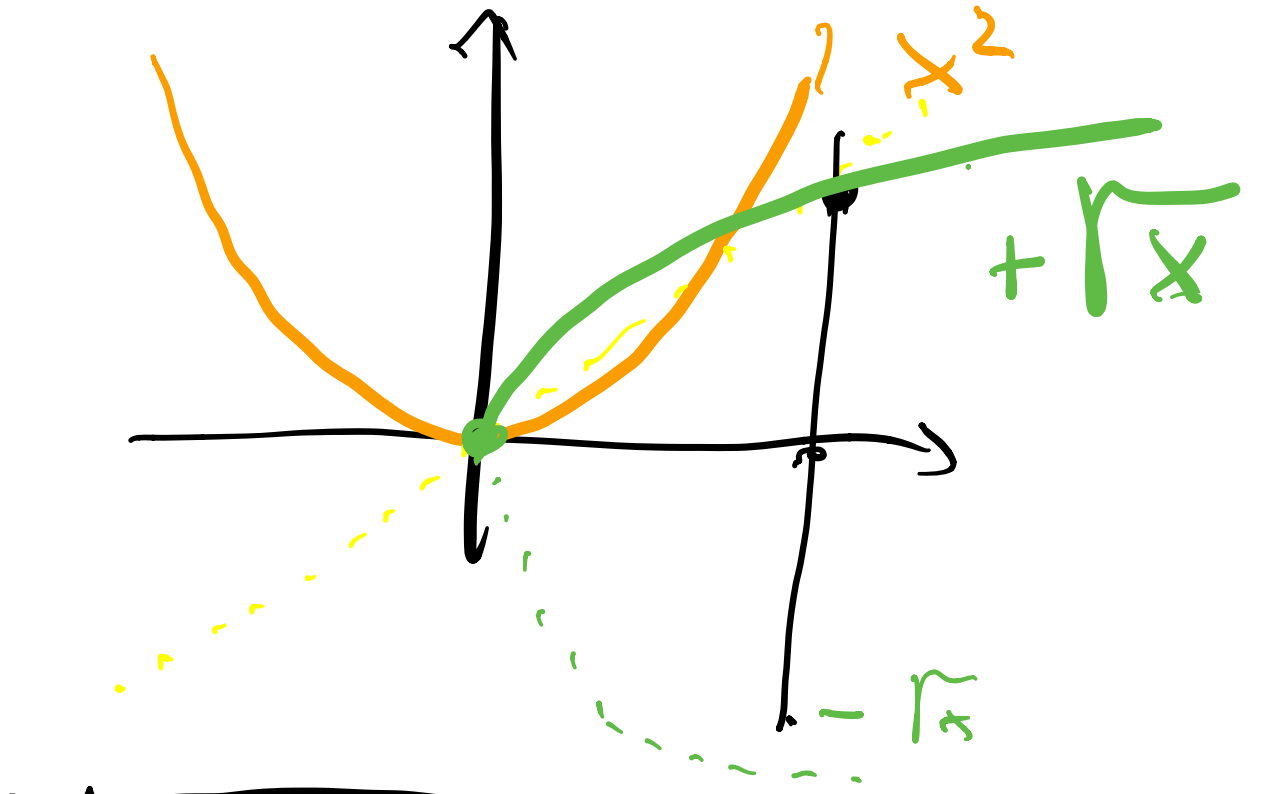
$$\exp(\log(x)) = x$$

$$\log(\exp(x)) = x$$

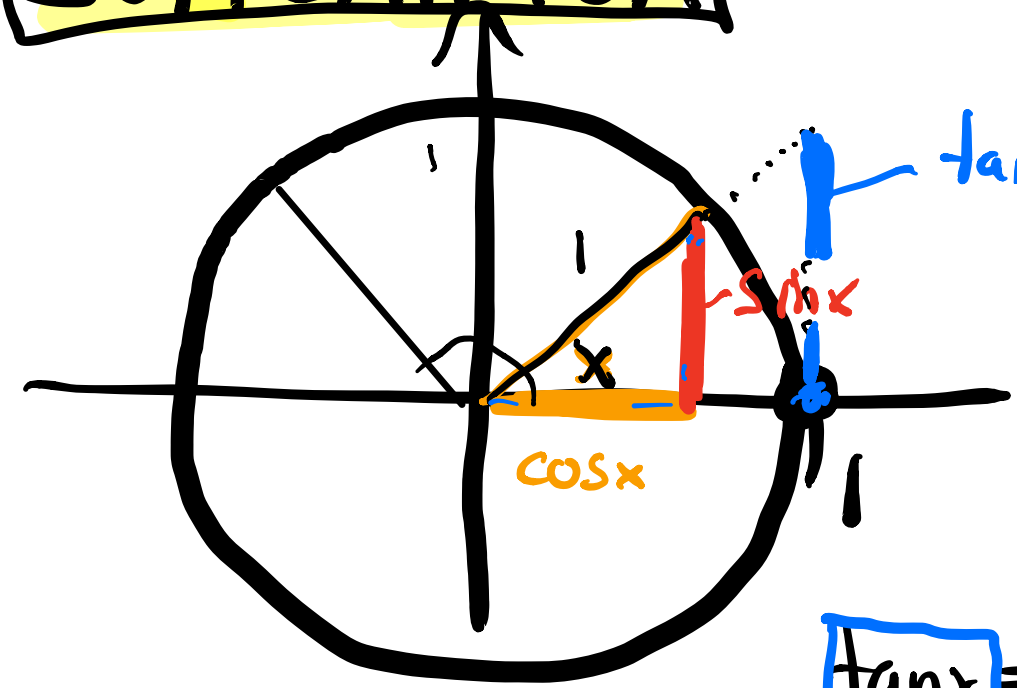
$$\log|x|$$

defined everywhere except $x=0$

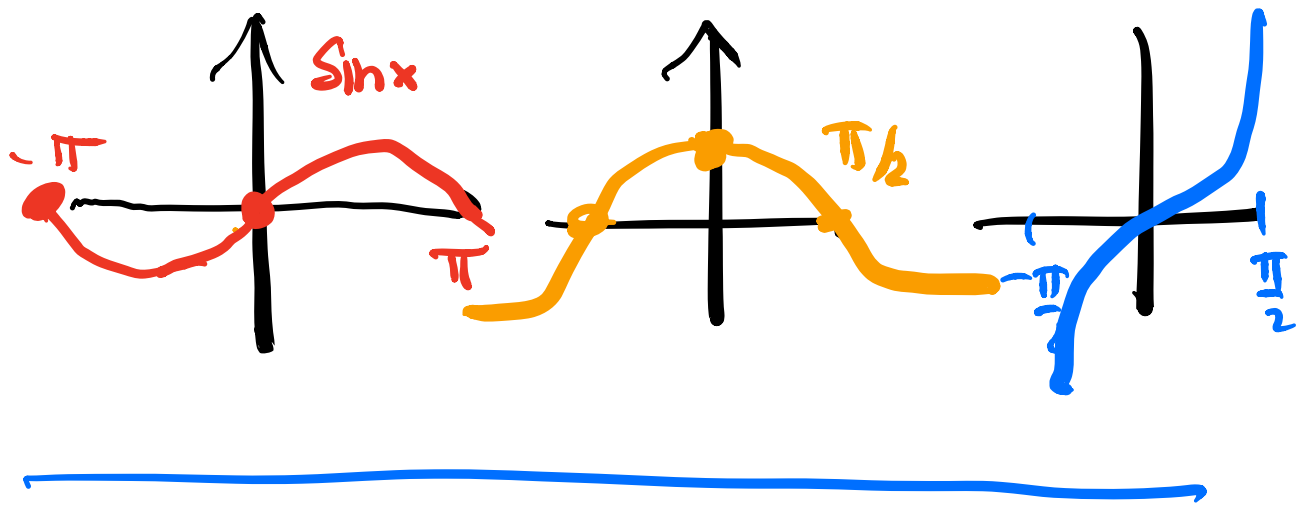

asymptote
logarithmic singularity
exp x
x
log x



SOHCAH TOA



$$\boxed{\tan x = \frac{\sin x}{\cos x}}$$


Sin x
-π
π
π/2
-π/2