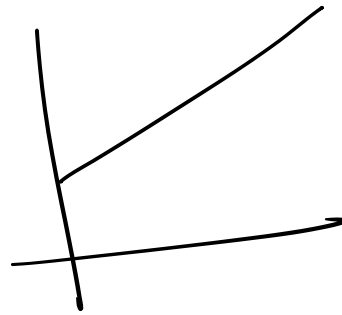


$$y = 3x + 7$$



$$y = -3x - 7$$

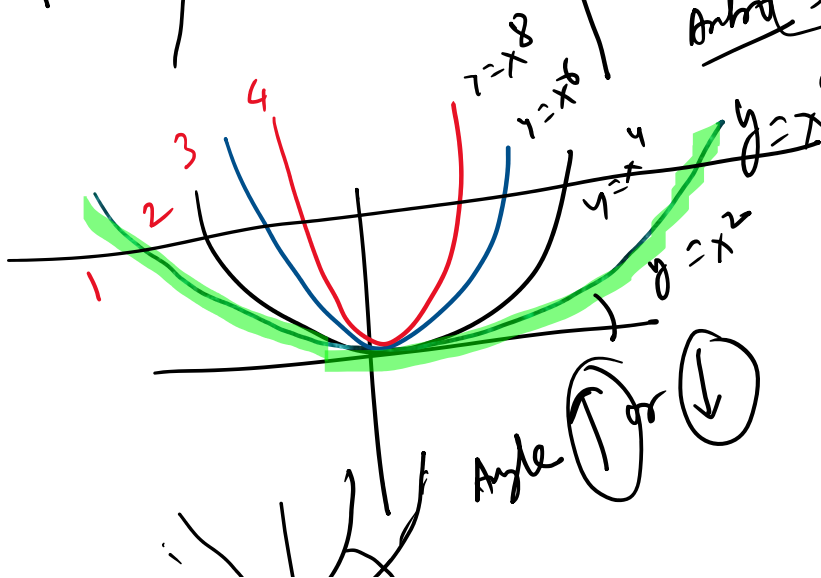
Thema

equation system is only schulle

FF → ~~interaktion~~



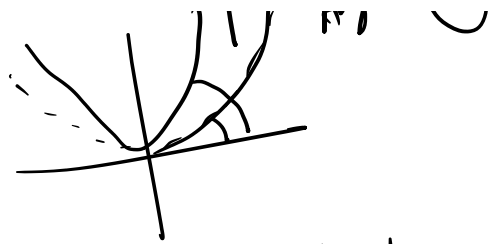
Arbeits	(Fr 11 AM)	Sam 9 AM
Arbeits	Sat 11 AM	



9062395123

WhatsApp

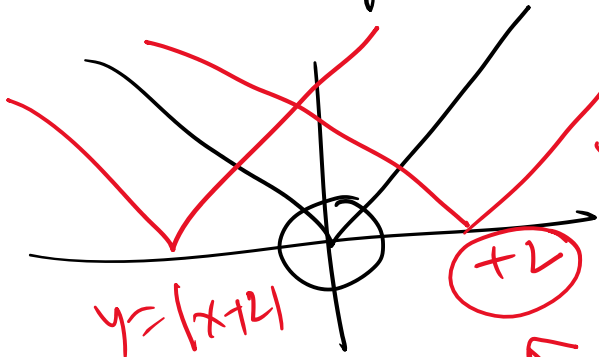
✓ $y = x^2$ ✓
 ✓ $y = x^4$ ✓
 ✓ 6 ✓
 ✓ 2 ✓



$$y = |x|$$

$y = x^6$
 $y = x^8$

Tom



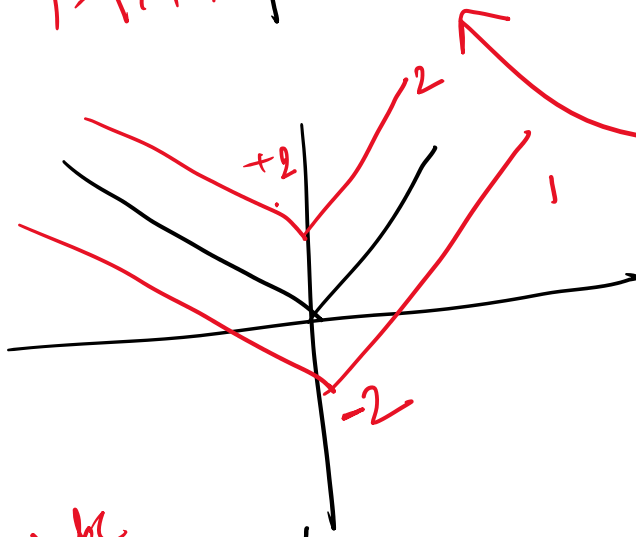
$$y = |x+2|$$

+2

$y = |x+2| = 0$
 $y = |x-2| = 0$

$y = -x$

$x = -2$
 $x = 2$



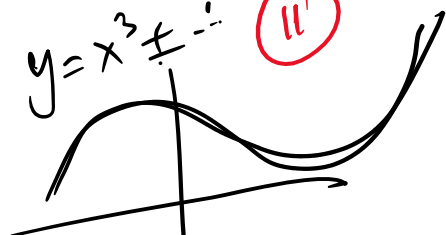
$$y = |x| \pm 2$$

$y \rightarrow$ quadratics

$$y = x^2$$



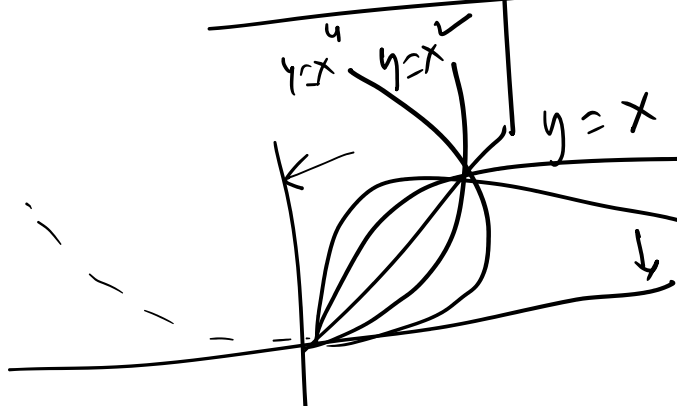
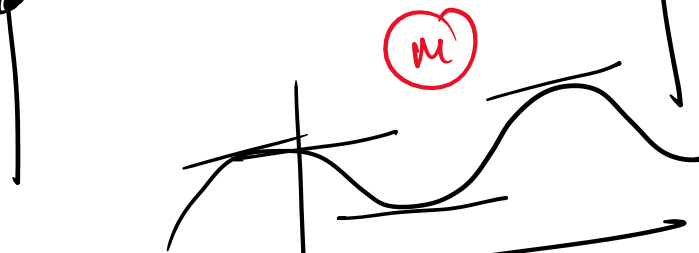
$$y = x^3 \pm \dots$$



Total no of bends

(iii)

$$y = x^4$$



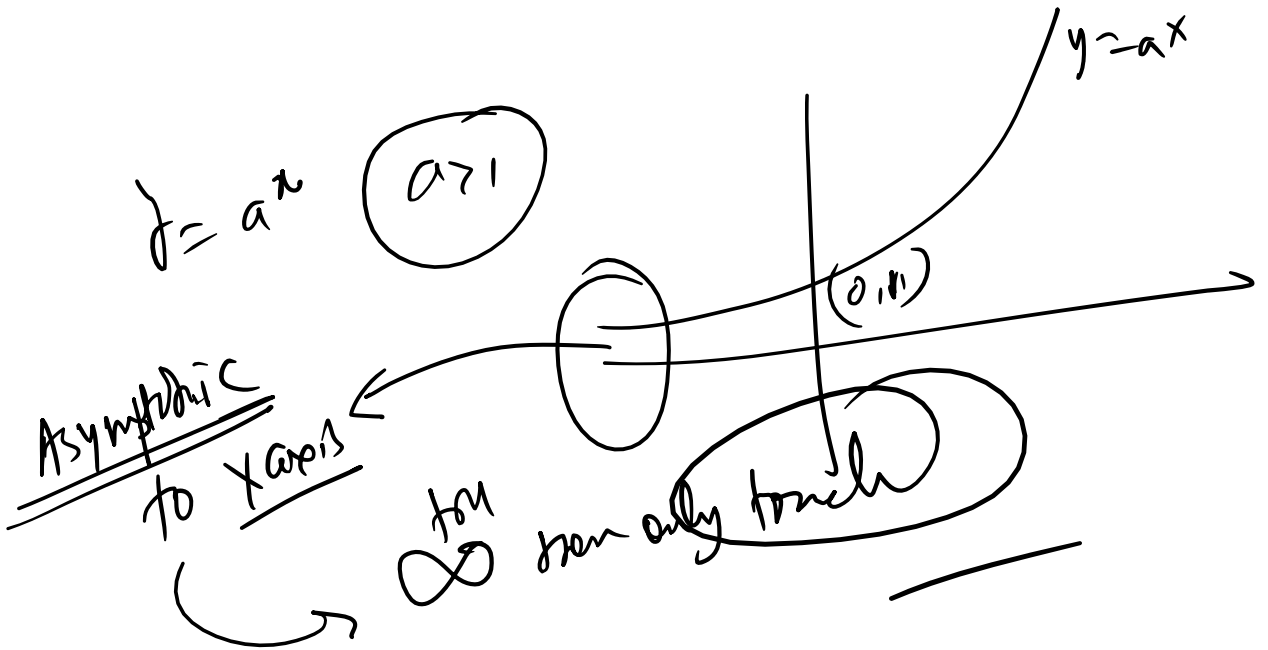
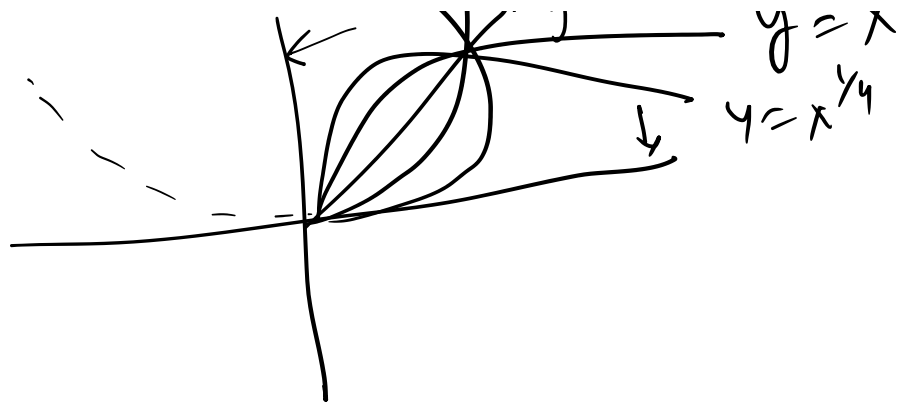
$$y = x^4$$

$$y = x^2$$

$$y = x$$

$$y = x^{1/2}$$

$$y = x^{1/4}$$



$$y = e^x$$

~~$y = x = x$~~
 $y = 2$ $y = 1$
 $y = 0$

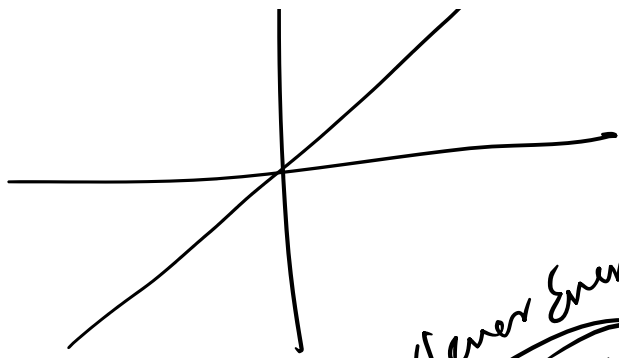
$$e = (2.718)^1 = 2.718$$

$$(2.718)^2 = 7.$$

$$(2.718)^0 = 1$$

2022

$y = x^x$
 $y = e^x$



Never Equal
 $e^x = x$

$e^{-\infty} \neq -\infty$
 $\rightarrow 0$

$e^x = x$

$e^0 \neq 0$

$e^1 \neq 1$

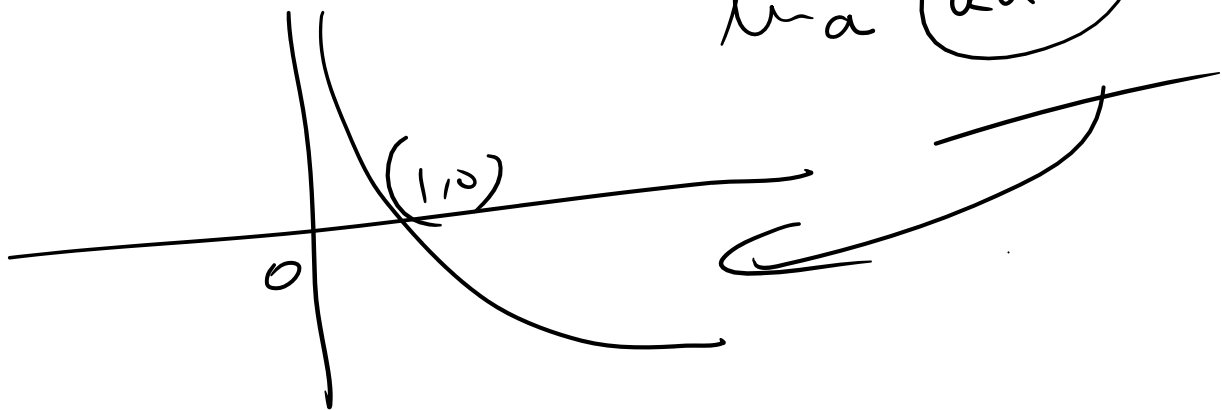
$e^2 \neq 2$

$y = \ln a^x$

$a > 1$



$\ln a^x$ $(a < 1)$



TRM

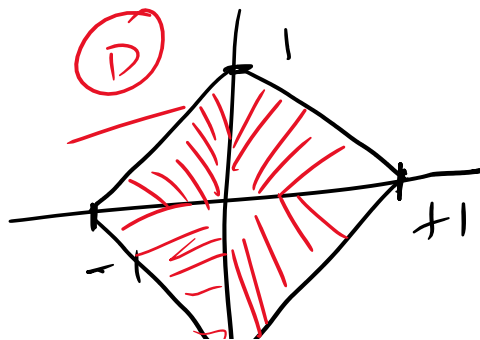
423

$(x) + (y) \leq 1$

$$x + y = 1$$

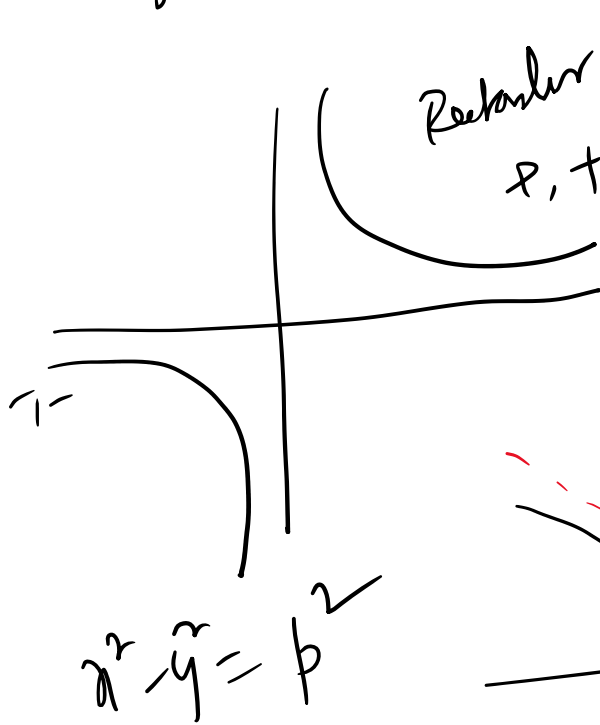
$$y = 1 - x$$

$$-x - y = 1$$



$$\begin{aligned}
 -x - y &= 1 \\
 -y &= 1 + x \\
 y &= 1 - x
 \end{aligned}$$

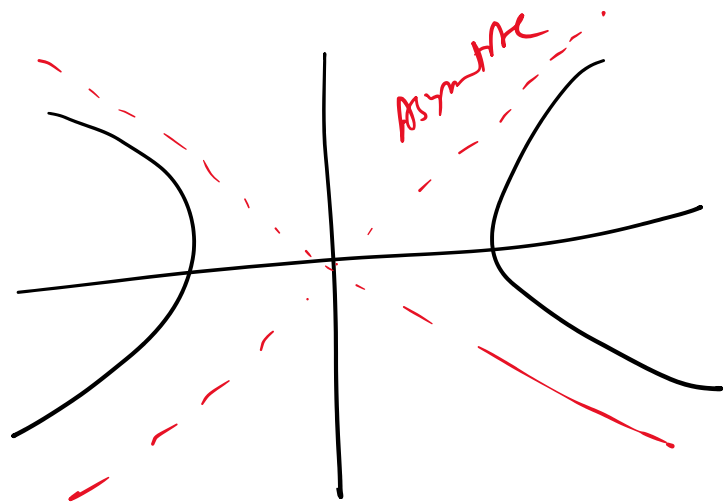
$$\begin{aligned}
 p &+ \\
 &= \\
 f &- \\
 &- \\
 &= p
 \end{aligned}$$



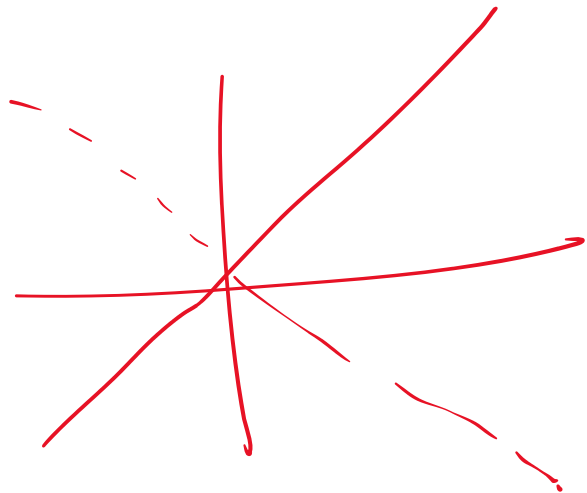
Rechtlicher Hyperbola
x, y

$$ay = b^2$$

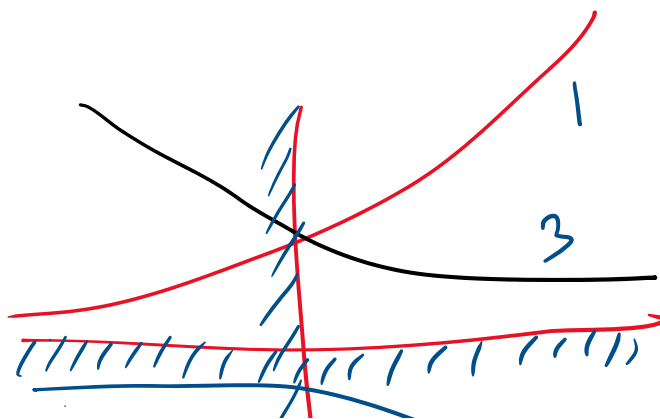
$$\begin{aligned}
 dy &= 2x \\
 -x, -y &= \textcircled{22}
 \end{aligned}$$



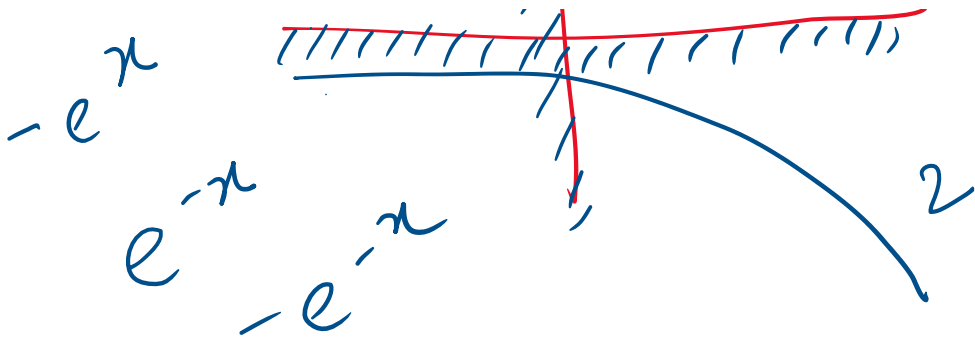
$$\begin{aligned}
 y &= x \\
 y &= -x
 \end{aligned}$$



e^x
 $-x$



$(1, 3)$
 $(1, 2)$



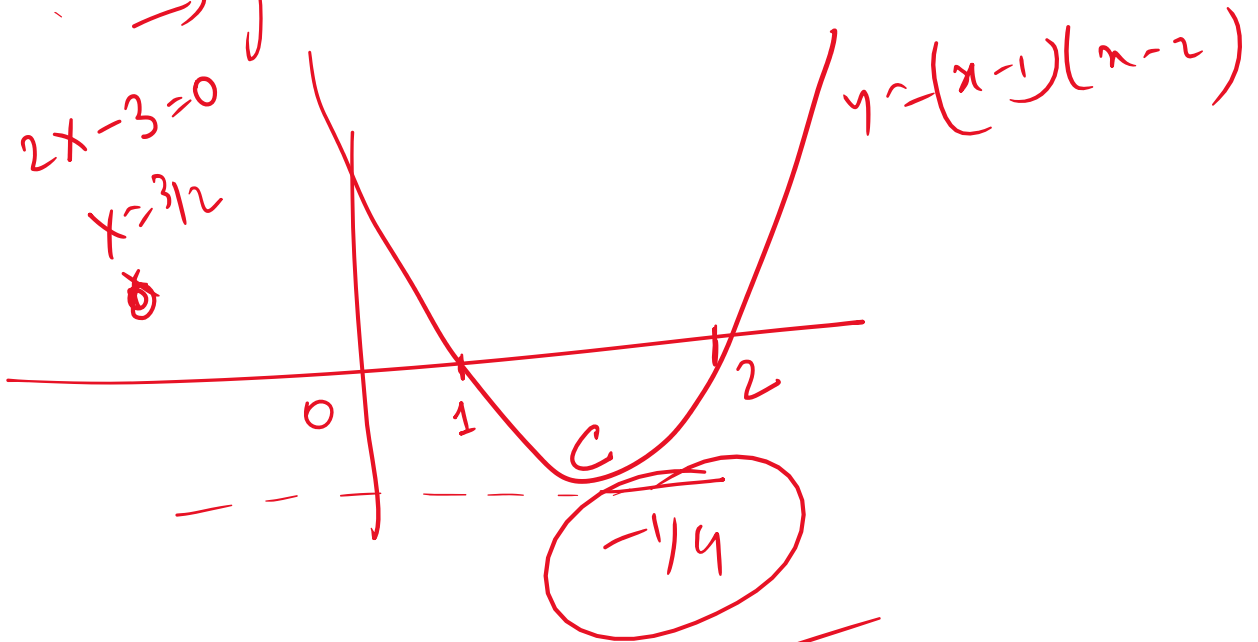
$$y = \left(\frac{3}{2} - 1\right) \left(\frac{3}{2} - 2\right) = \frac{1}{2} \left(-\frac{1}{2}\right) \left(-\frac{1}{4}\right) \quad \begin{matrix} n=1 \\ n=2 \end{matrix}$$

$$\rightarrow y = (x-1)(x-2) = 0$$

$$\rightarrow y = -x^2 + 2x - 3$$

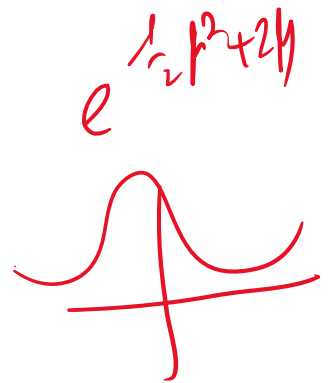
$$\frac{dy}{dx} = 2x - 3 = 0$$

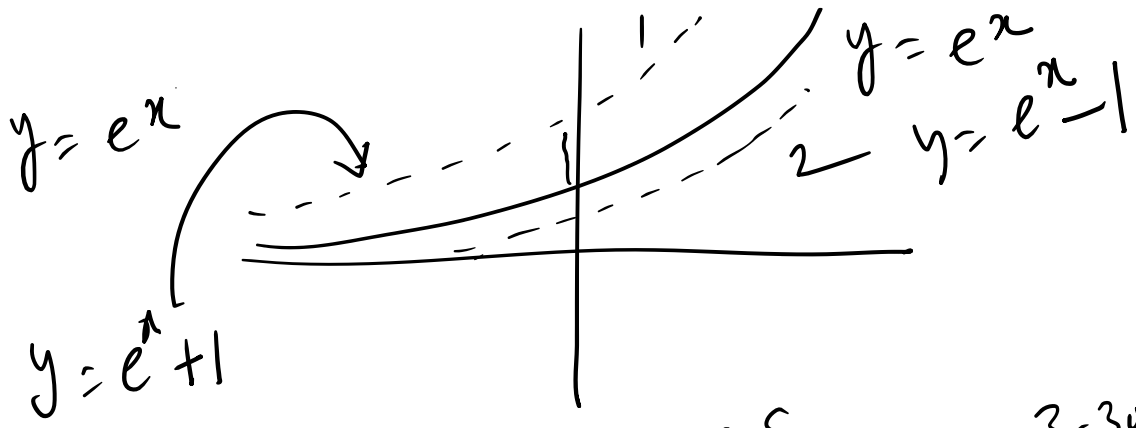
$$x = \frac{3}{2}$$



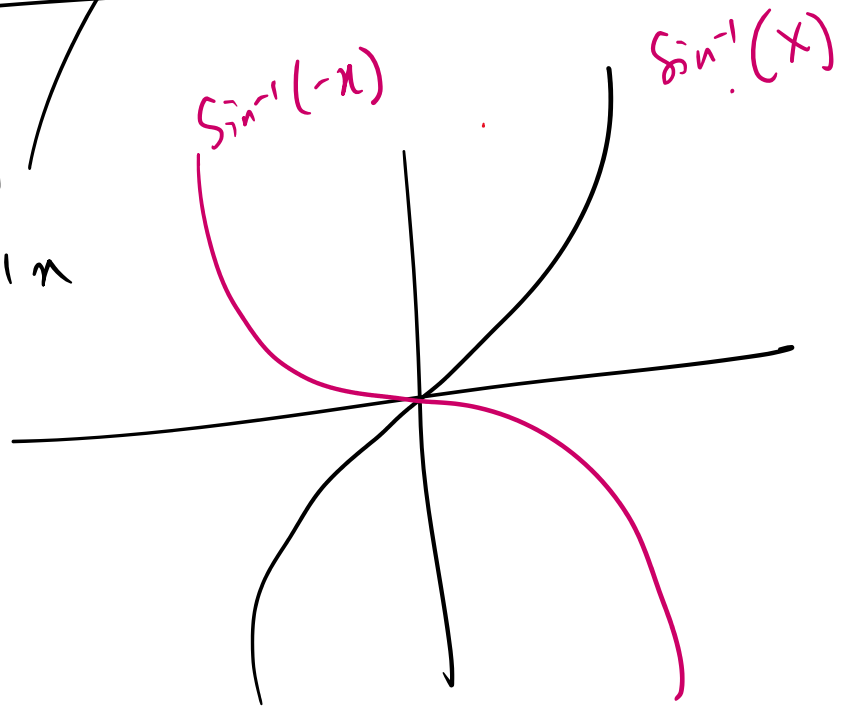
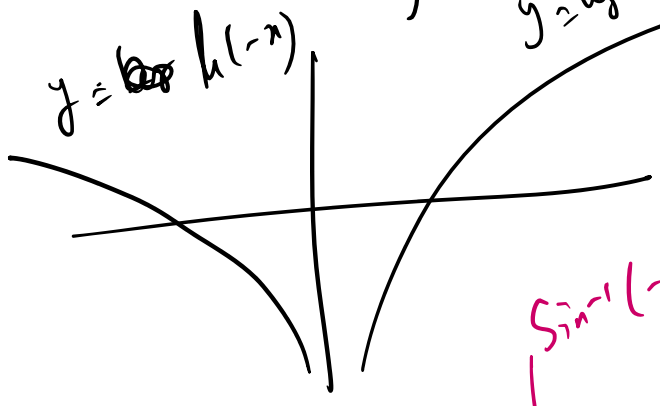
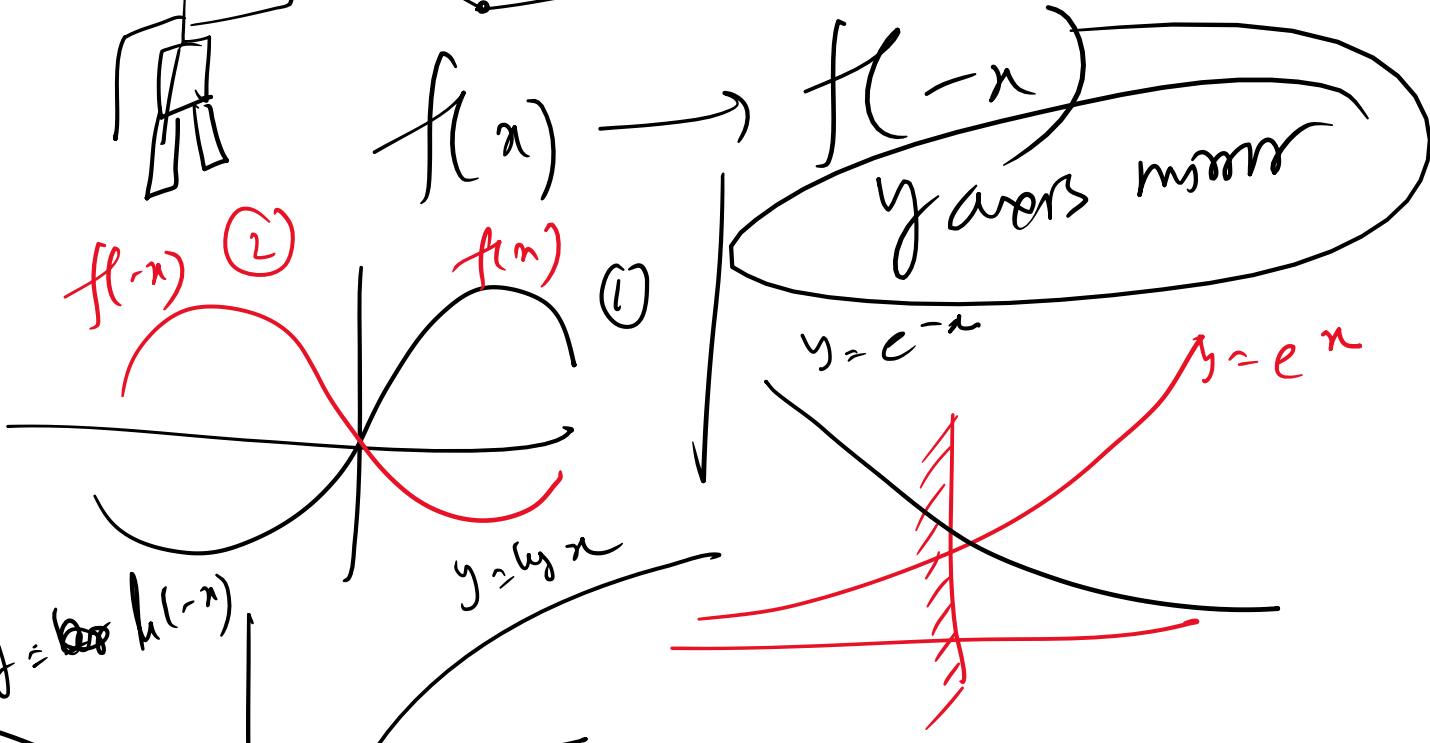
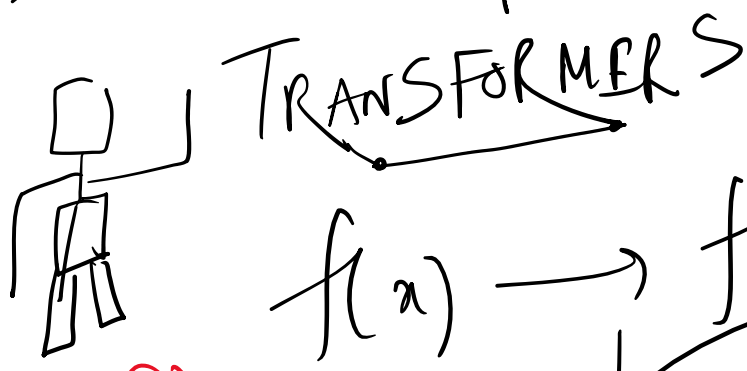
~~How~~

$$y = (x-1)(x-2)(x-3)$$





3-30 (4) - (6)



$\frac{12}{120}$
 $\frac{5.65}{120}$
 x even

$f(n) \rightarrow -f(x)$

$y = -e^x$

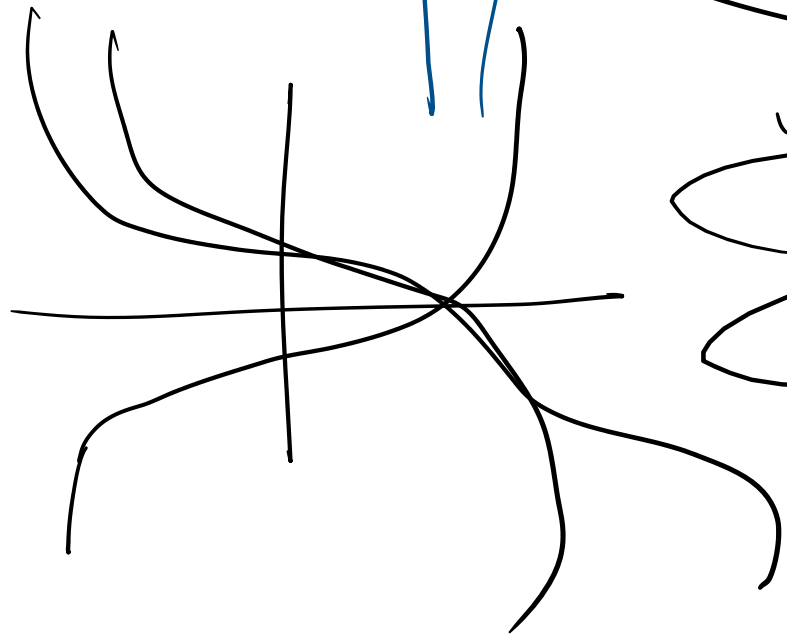
Bridge Penrose

$y_2 = -x^2 + 3x$
 $y = x^2 - 3x + 47x + 999$
 $y_1 = 3x^2 - x^3 - 47x + 999$

$f(x) = -f(-x)$
 $y = \ln x$

DC
 MC
 DHC

$y = -\ln x$



$y = x^2 + 2x + 3$
 $f(-x) = x^2 - 2x + 3$
 $-f(x) = -x^2 - 2x - 3$
 $1\frac{1}{2} + 1\frac{1}{2}$

W

~~W~~

$f(x) = -f(-x)$

