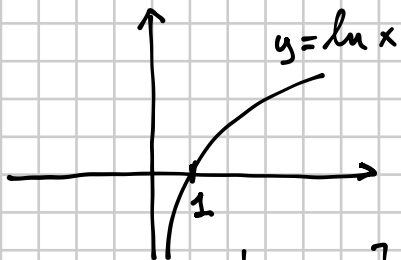
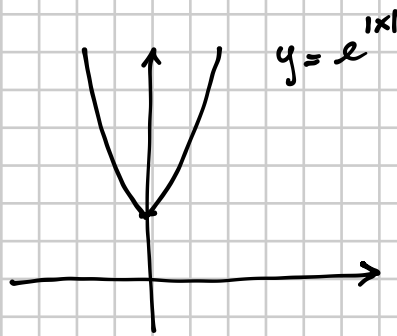
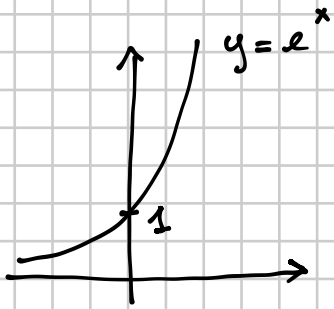
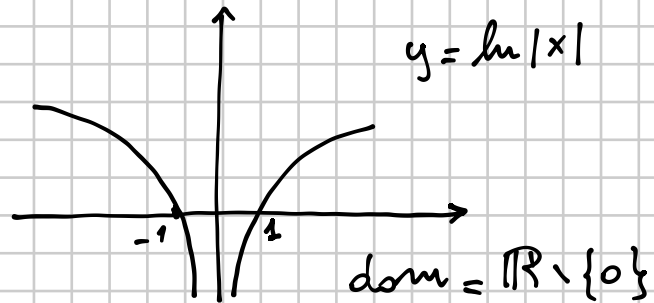


16/9/2020

TRASFORMAZIONI ELEMENTARI

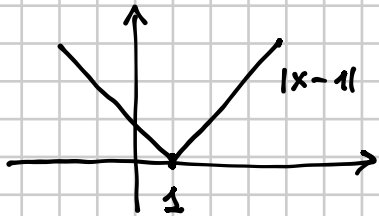
$$\text{dom} =]0, +\infty[= \mathbb{R}^+$$



$$\text{dom} = \mathbb{R} \setminus \{0\}$$

Disegnare $y = x^2 - |x-1|$

$$|x-1| = \begin{cases} x-1 & \text{se } x-1 \geq 0 \\ -(x-1) & \text{se } x-1 < 0 \end{cases} = \begin{cases} x-1 & \text{se } x \geq 1 \\ 1-x & \text{se } x < 1 \end{cases}$$



$$y = x^2 - |x-1| = \begin{cases} x^2 - (x-1) & \text{se } x \geq 1 \\ x^2 - (1-x) & \text{se } x < 1 \end{cases} =$$

$$= \begin{cases} x^2 - x + 1 & \text{se } x \geq 1 \\ x^2 + x - 1 & \text{se } x < 1 \end{cases}$$

