# TRASFORMAZIONI IN GRAFICI
## (PRESENTI NEGLI ESAMI PASSATI)

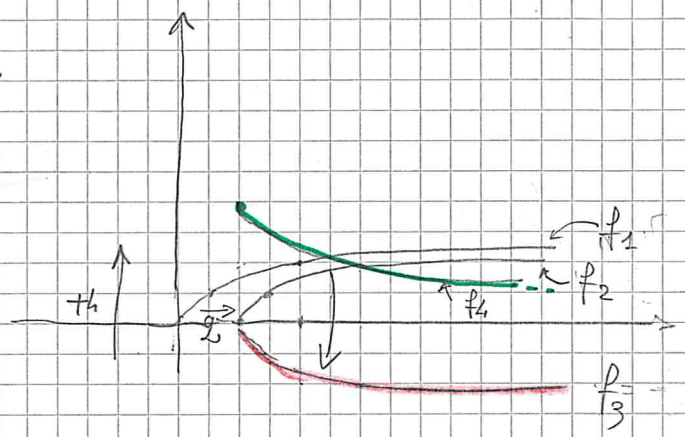
- $g(x) = 4 - \sqrt{x-2}$

$f_1(x) = \sqrt{x}$

$f_2(x) = f_1(x-2)$

$f_3(x) = -f_2(x)$

$f_4(x) = \underbrace{f_3(x)+4}_{g(x)} =$

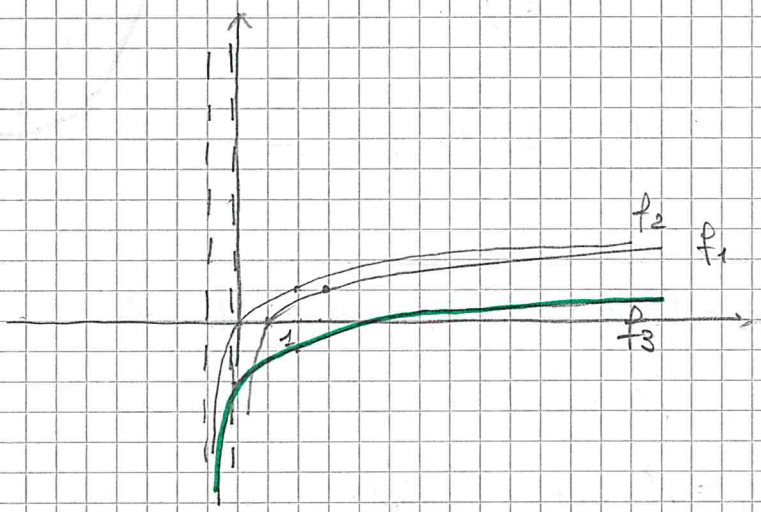



$f(x) = \ln(x+1) - 2$

$f_1(x) = \ln(x)$

$f_2(x) = f_1(x+1)$

$f_3(x) = f_1(x) - 2$



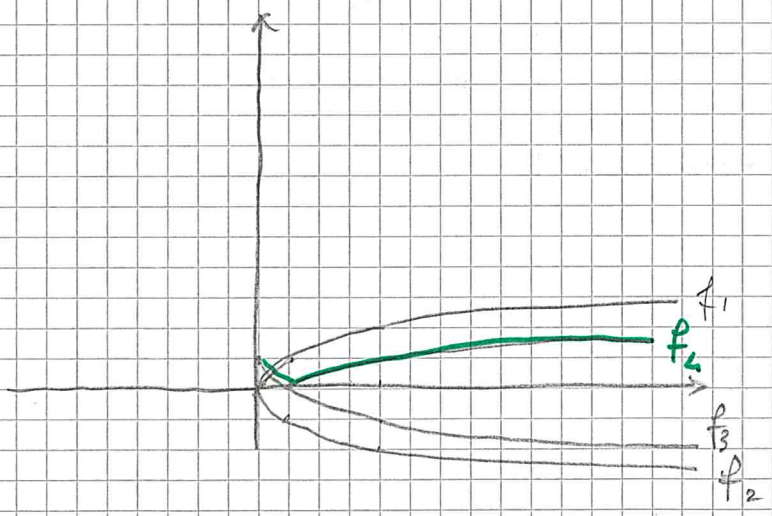

- $f(x) = |1 - \sqrt{x}|$

$f_1(x) = \sqrt{x}$

$f_2(x) = -f_1(x)$

$f_3(x) = f_2(x) + 1$

$f_4(x) = |1 - \sqrt{x}|$

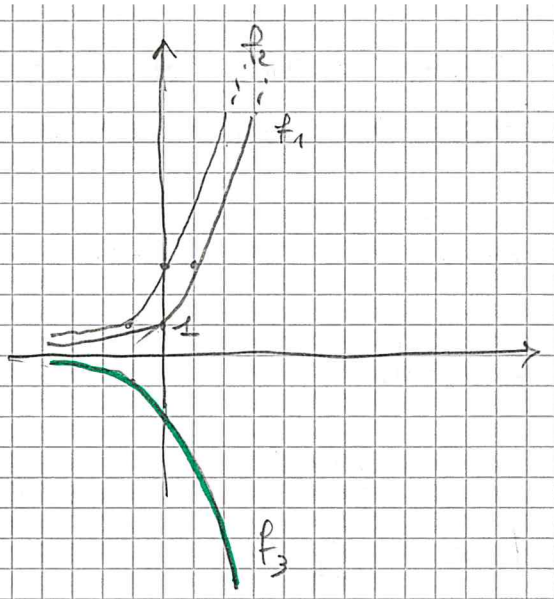


$f(x) = -3^{(x+1)}$

$f_1(x) = 3^x$

$f_2(x) = 3^{x+1}$

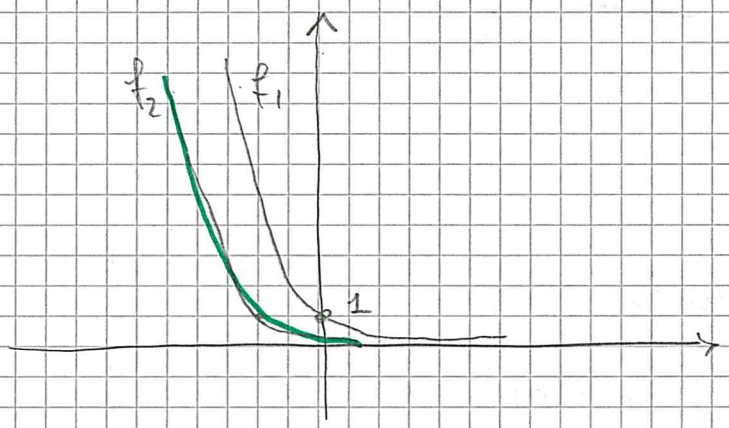
$f_3(x) = \underbrace{-3^{x+1}}_{f(x)}$




$f(x) = \left(\frac{2}{3}\right)^{(x+2)}$

$f_1(x) = \left(\frac{2}{3}\right)^x$

$f_2(x) = f_1(x+2)$

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$f(x) = \sqrt{1-x}$ $\quad f(x) = -\ln(x+2)$ $\quad f(x) = x^{\frac{3}{7}}$

$f(x) = (2+x)^7$ $\quad f(x) = x^3 - 4$ $\quad f(x) = x^{\frac{1}{3}}$ $\quad f(x) = x^{\frac{4}{7}}$

$f(x) = x^2 - 4x + 3$ parabola generica $\quad f(x) = \ln(x+1) - 2$ $\quad f(x) = e^{x+2}$

$f(x) = 2 - \sqrt{x+1}$ $\quad f(x) = -\ln(x-2)$ $\quad f(x) = 3x + 2$ retta generica

$f(x) = x^2 - x + 3$ parabola generica

$f(x) = -x^2 + 2x - 1$