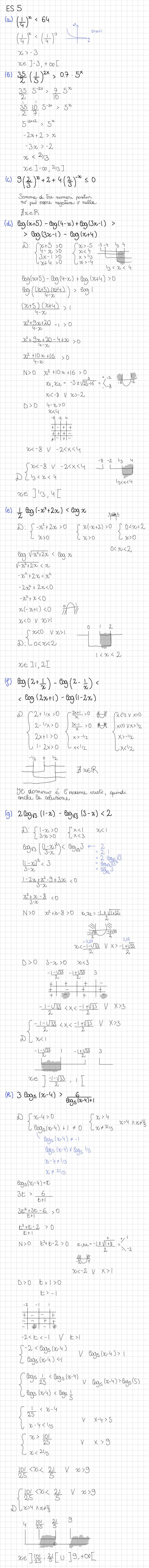
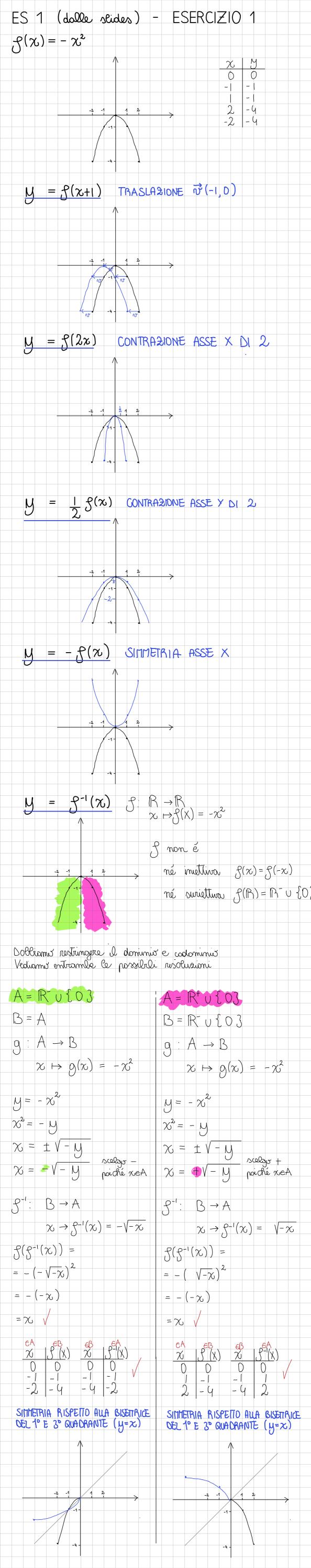
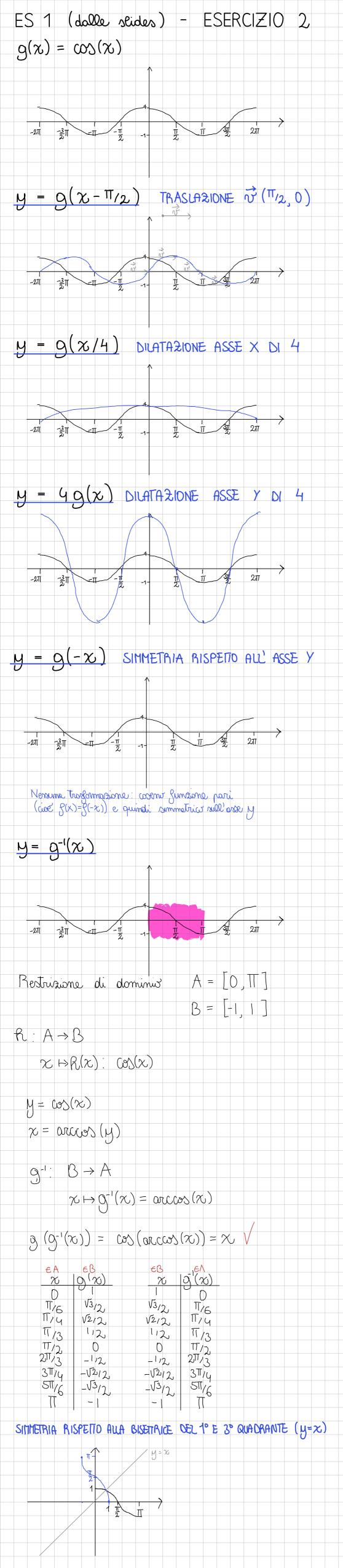


ES 3 (a) $f(x) = \log_2(x^2+1) + \log_5(x+2)$ $Dg: \begin{cases} \chi^2 + 1 > 0 \\ \chi + 2 > 0 \end{cases} = \begin{cases} \forall \chi \in \mathbb{R} \\ \chi > -2 \end{cases}$ $x \in]-2, +\infty[$ (b) $f(x) = coo_x(x)$ $Dg: \begin{cases} x>0 \land x\neq 1 \\ x>0 \end{cases}$ $x \in]0, I[U]I, +\infty[$ (c) $f(x) = \log_2 \left(\log_{\frac{1}{2}} x\right)$ $DS: \left\{ \begin{array}{c} \chi > 0 \\ \\ COS_{\frac{1}{2}} \chi > 0 \end{array} \right. = \left\{ \begin{array}{c} \chi > 0 \\ \\ O < \chi < 1 \end{array} \right.$ xe]0,1[(d) $f(x) = \log_{\alpha} \left(\frac{x}{x-1}\right)$ $D_g: \frac{x}{x-1} > 0$ N > 0: $\chi > 0$ xe]-ω, 0[u] 1+ω[por quolsiosi ac]0,1[U]1,+00[







ES 1 (dolle scides) - ESERCIZIO 4

$$S(x) = \begin{cases}
x & x & x \leq 0; \\
2x & x & x > 0;
\end{cases}$$
INETIVA V
INVERTIGIE V

$$S(x) = \begin{cases}
x^2 & x & x \leq 1; \\
x & x & x > 1;
\end{cases}$$
INETIVA X
INVERTIGIE X

$$S(x) = \begin{cases}
x^2 & x & x \geq 0; \\
-x & x & x < 0;
\end{cases}$$
INETIVA X
INVERTIGIE X

$$S(x) = \begin{cases}
x^2 & x & x \geq 0; \\
-x & x & x < 0;
\end{cases}$$
INETIVA X
INVERTIGIE X

