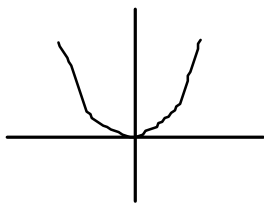
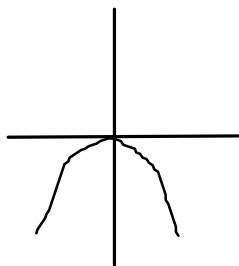


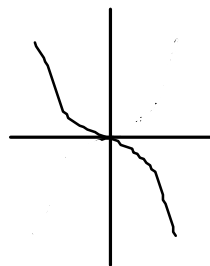
$$g(x) = e^{x^2} - x^2 - 1$$



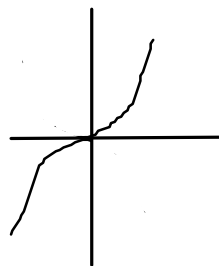
$$f(x) = g(x)$$



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



$$f(x) = \begin{cases} g(x) & x \in (-\infty, 0) \\ -g(x) & x \in (0, +\infty) \end{cases}$$



$$f(x) = \begin{cases} -g(x) & x \in (-\infty, 0) \\ g(x) & x \in (0, +\infty) \end{cases}$$