Quiz #8
Etch A Sketch?
Due* just before midnight on Thursday, 1 June.

Please show all your work when answering the question below.

1. Let $f(x) = \dfrac{x}{1 - x^2}$. Find the domain, all the intercepts, vertical and horizonal asymptotes, intervals of increase and decrease, maxima and minima, intervals of concavity, and inflection points of $f(x)$. Sketch the graph of $f(x)$ based on this information. *[10]*