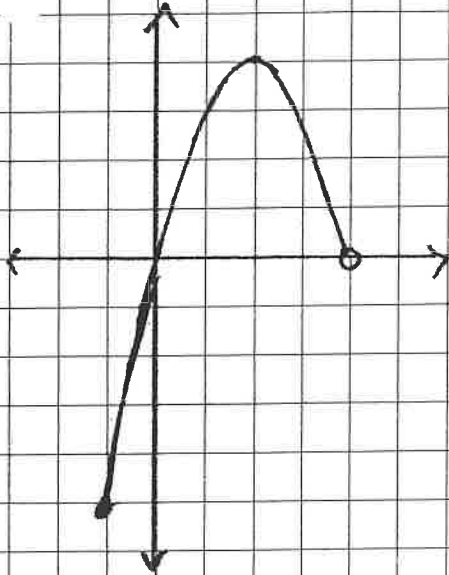
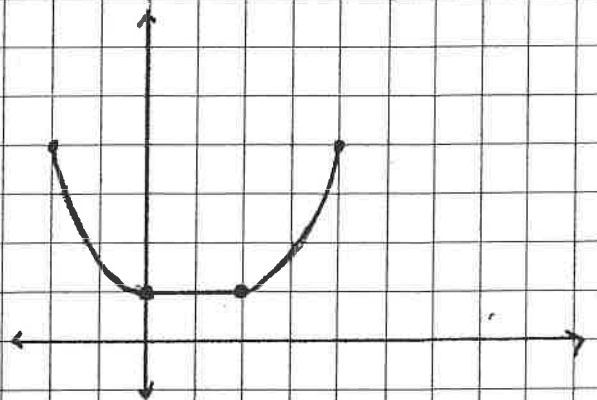


Graphs of Functions

ex1 Find domain and range graphically

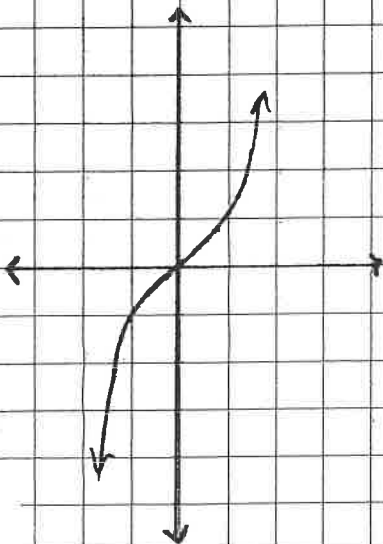


ex3 Increasing / Decreasing

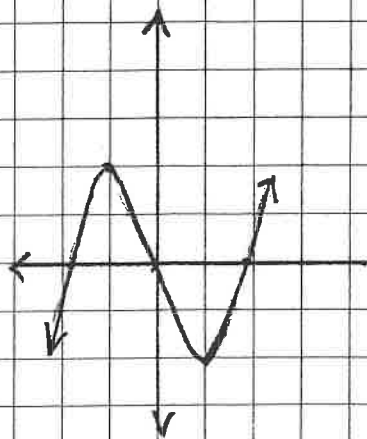


ex4 determine the open intervals on which each function is increasing, decreasing, or constant.

a) $f(x) = x^3$



b) $f(x) = x^3 - 3x$



c)
$$f(x) = \begin{cases} x+1, & x < 0 \\ 1, & 0 \leq x \leq 2 \\ -x+3, & x > 2 \end{cases}$$

