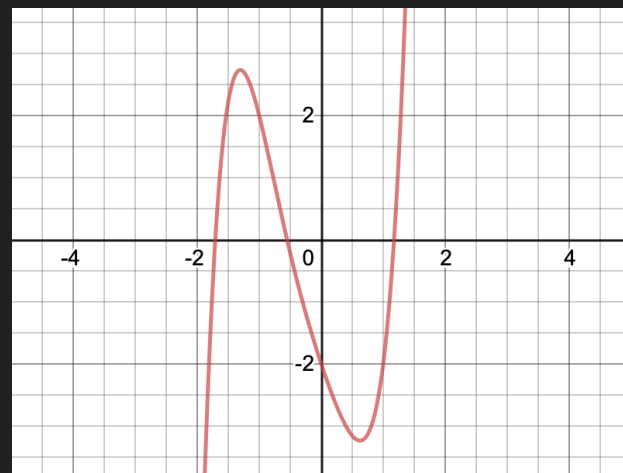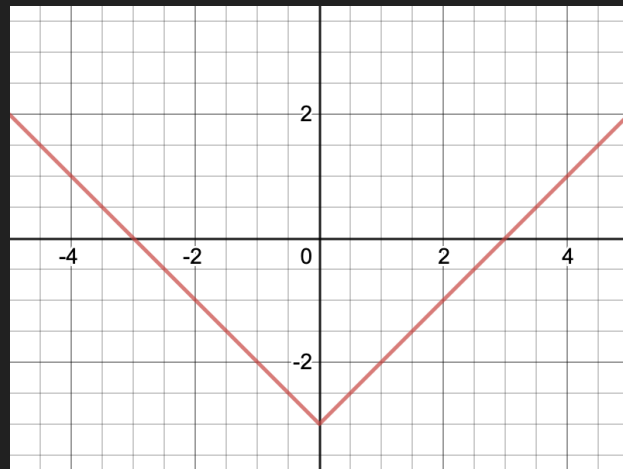# IIT Madras
ONLINE DEGREE

Polynomials

Graphs of Polynomials

Characterization of Graphs of Polynomial Functions

Polynomial functions of second degree or higher have graphs that do not have sharp corners. That is, the graphs are smooth curves.

Polynomial functions also display graphs that have no breaks. Curves with no breaks are called continuous.

Identification of Polynomial Functions

Which of the graphs given below, represent polynomial functions?