

FUN-4 Piecewise Functions (complete all parts for M, complete graph component for P)

Graph the function $f(x) = \begin{cases} x^2 + 2x & x \leq -2 \\ \sin x & -2 < x < 2 \\ \frac{3}{x} & x > 2 \end{cases}$.

State the boundary points and intercepts.