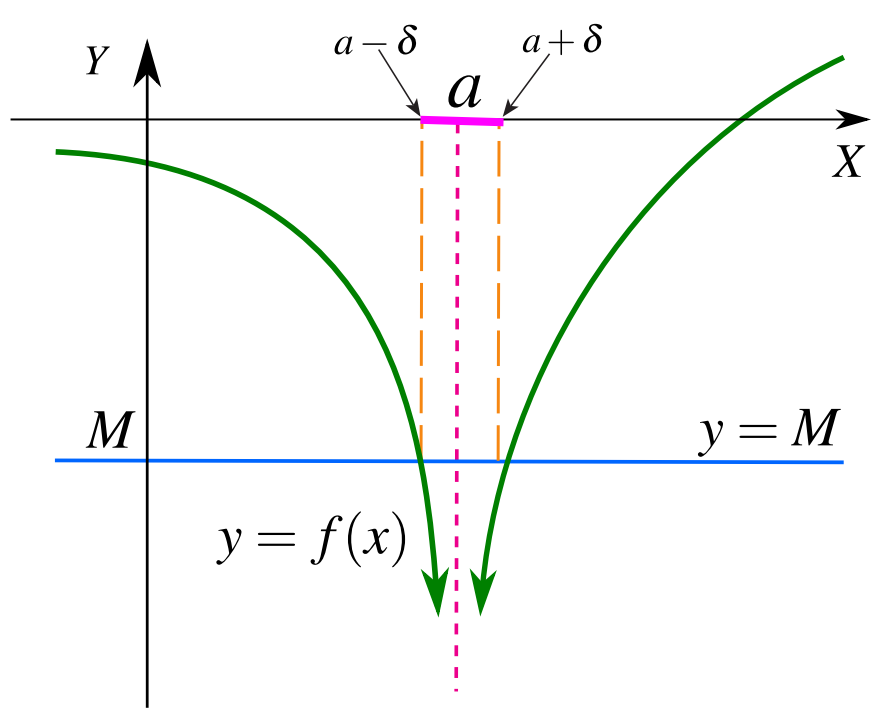


$$\lim_{x \rightarrow a} f(x) = \infty$$



$$\lim_{x \rightarrow a} f(x) = -\infty$$