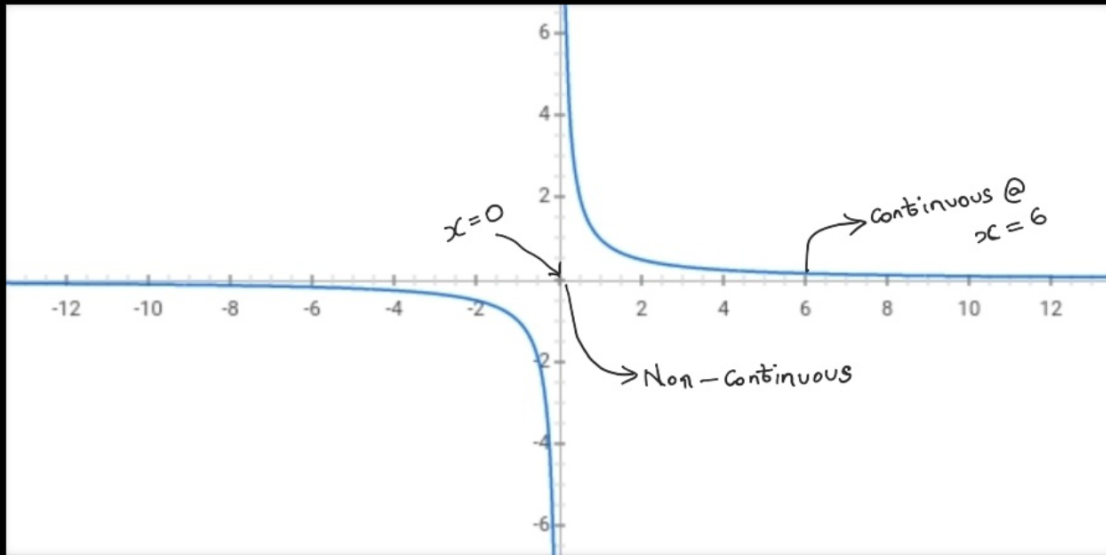
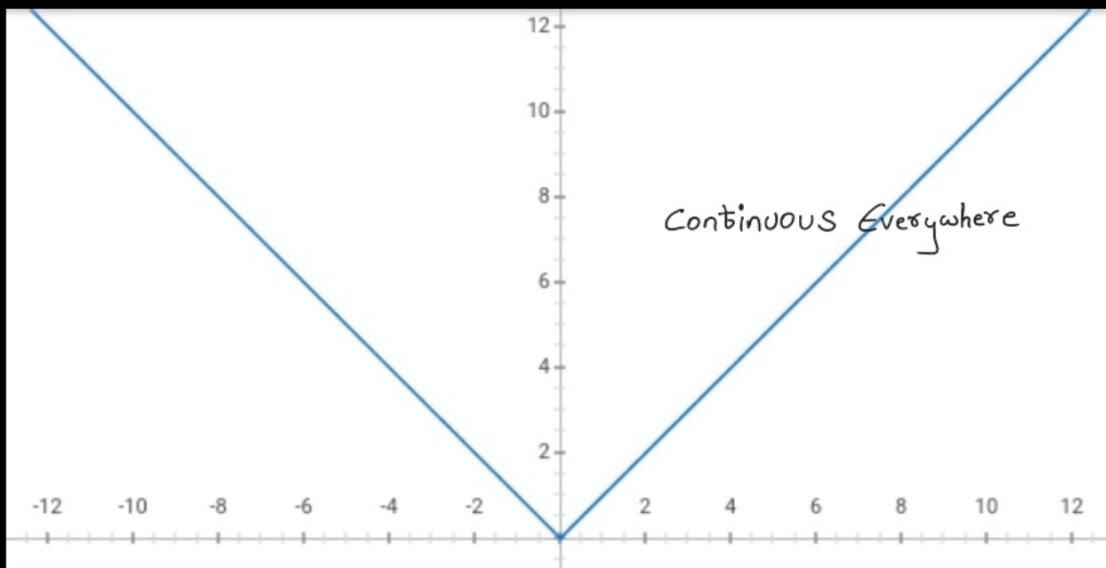


## Continuity of Functions:

Let's take  $f(x) = 1/x$ , here



For  $\text{abs}(x)$ :



So, Continuity can be said as:

$f(x)$  is continuous at 'a' if

→  $f(a)$  is defined

→  $\lim_{x \rightarrow a^+} f(x) = \lim_{x \rightarrow a^-} f(x) = f(a)$