







(C) Existence of Limits

- In considering several of our previous examples, we see the idea of one and two sided limits.
- A one sided limit can be a left handed limit notated as $\lim_{x \to a^{-1}} f(x)$ which means we approach x = a from the left (or negative) side
- We also have **right handed limits** which are notated as $\lim_{x \to a^+} f(x)$ which means we approach x = a from the right (or positive) side

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