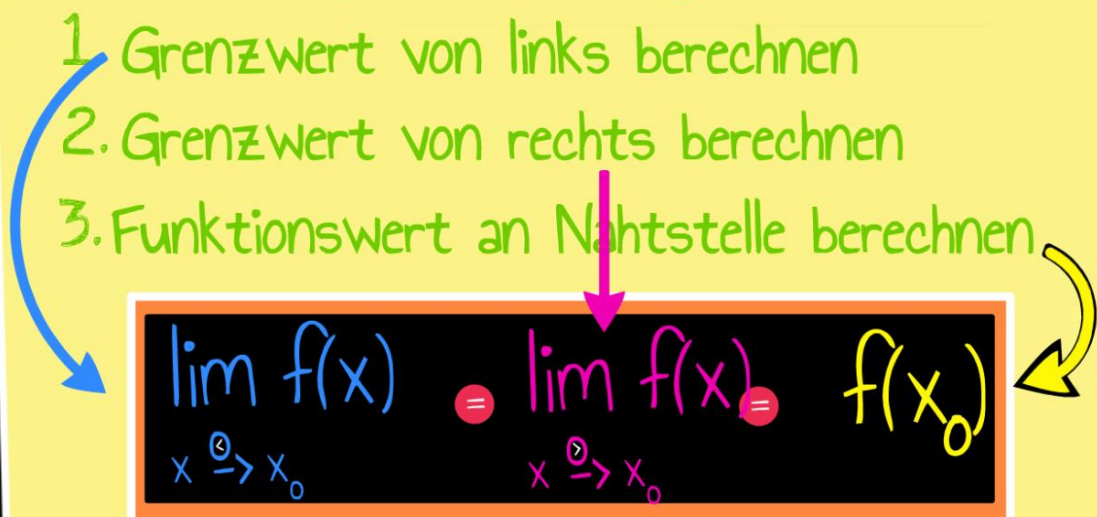


Stetigkeit überprüfen

1. Grenzwert von links berechnen
2. Grenzwert von rechts berechnen
3. Funktionswert an Nahtstelle berechnen



The diagram illustrates the continuity condition. A blue arrow points from item 1 to the left limit term. A pink arrow points from item 2 to the right limit term. A yellow arrow points from item 3 to the function value term.

$$\lim_{x \rightarrow x_0} f(x) = \lim_{x \rightarrow x_0} f(x) = f(x_0)$$