FAR BEYOND

MAT122

Continuity

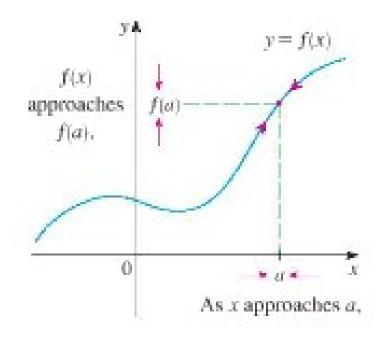


Continuity - Definition

Rule of Thumb: f is continuous where graph can be drawn without picking up pen from paper

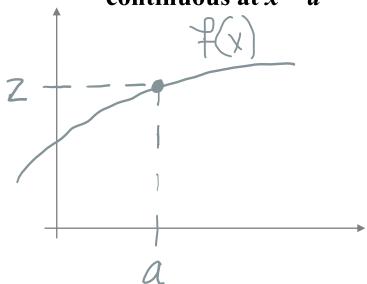
a function
$$f$$
 is **continuous at** $x=a$ if $\lim_{x\to a} f(x) = f(a)$

i.e., if f is continuous at a, following conditions must be met:



Discontinuity





removable discontinuity

