

Aug 22-11:36 AM

Definition of continuity

Continuity at a Point: A function f is continuous at c if the following conditions are met

1. f(c) is defined.

- 2. $\lim f(x)$ exists
- $3.\lim_{x\to c} f(x) = f(c)$

Continuity on an open interval: A function is continuous on an open interval (a,b) if it is continuous at each point in the interval. A function tat is continuous on the entire real line $(-\infty,\infty)$ is everywhere continuous.







Aug 22-3:27 PM





Aug 22-3:35 PM





Aug 22-3:40 PM



Aug 22-3:50 PM