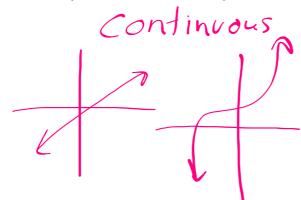
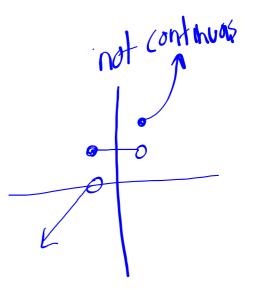
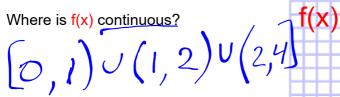


How would you describe Continuity?



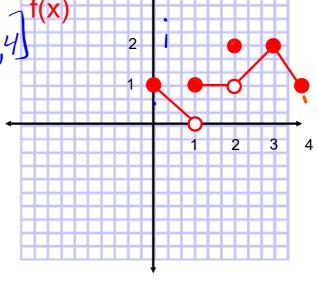


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For what values of c does

 $\lim_{x \to c} f(x)$  exist?



Where is the function discontinuous?

## Continuity at a point: (RS #23)

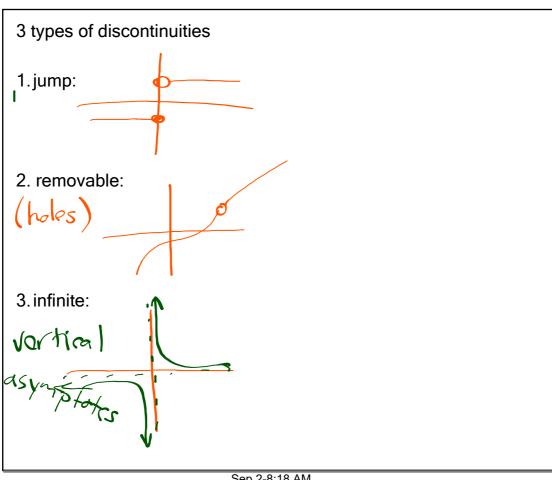
f(x) is continuous at x = c if

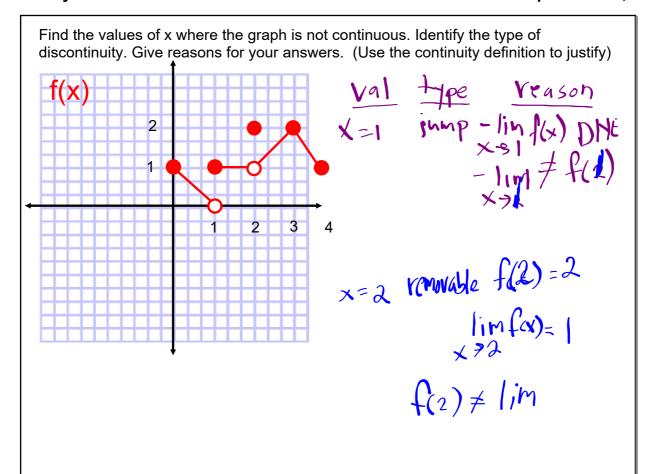
- 1. f(c) exists
- function value exists
- 2.  $\lim_{x\to c} f(x)$  exists (remember this means left hand = right hand)

3. 
$$\lim_{x \to c} f(x) = f(c)$$

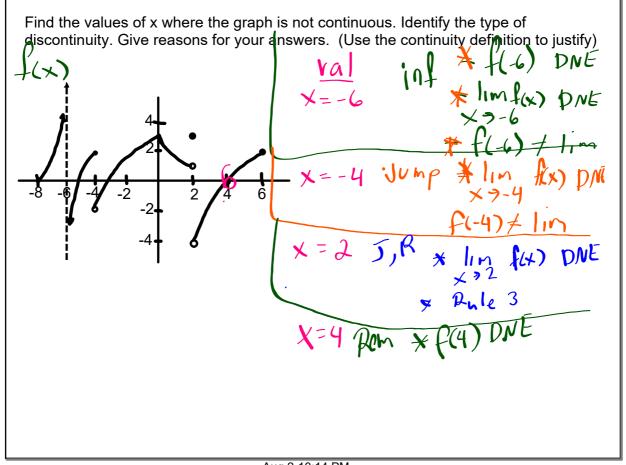
## End point continuity:

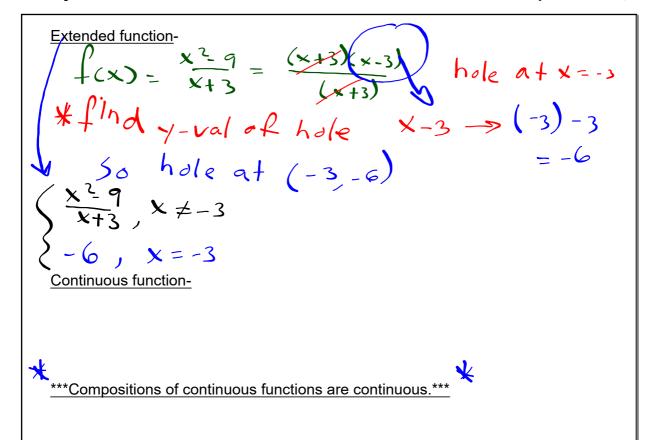
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Aug 31-4:25 PM





Aug 2-10:32 PM

