Tuesday, October 3, 2023 12:55 PM
Unit 2 Test - Limits
Part 1 Multiple Choice (No Calculator)
20 Questions
· Limits from a graph
· Limits where you can use direct substitution
· Limits · factor and cancel first · conjugate · simple trig identifies cot o = coso seco = 1 sino coso
tour - since csca-
$\frac{1}{\cos \sigma} = \frac{1}{\sin \sigma}$ $\frac{1}{\cos \sigma} = \frac{1}{\cos \sigma}$ $\frac{1}{\cos \sigma} = \frac{1}{\cos \sigma}$
(special 125) tano
· Special Trig limits 2.6
• Limits to a  Divide all terms by highest  power in denominator
· Limits from left and right
• Limits with absolute values  lim 1×1  x->0 X
(Draw the Function)
· Find horizontal Asymptote
limit as x -> so
· Discontinuities

Denominator = 0	
f (g(x)) Make the composte Function First	
Los function tirst	
Continuous function from a piece wise function	
Continuous function from a piece wise function	
· Use algebra to manipulate a function then evaluate	
the limit.	
Part 2 - Show all work (Use a graphing calculator)	
Part 2 - Show all work (USE a graphing calculator)	
ide)	
Josides 1. Squeeze theorem (3)	
ot bo	
2. Explain why the limit (2) does not exist	
3. IVT Function is continuous (3)	
f(a) L O L f(b) (2.8)	
4. Special trig limits Sin20 + cos20 = 1 (4)	
$\sin^2 \sigma + \cos^2 \sigma = 1$	
5. continuity (3)	
same de tech Lab	
1.	
3,	