AP Calculus BC	Mr. Shubleka	Quiz: 22
AP Calculus DC	MI. SHUDIEKA	Ouiz, 2

Present neatly on <del>separate pap</del> o	<del>er</del> . Justify for full c	redit. <del>No Calculators</del>
Name	Score	8 minutes / A
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A boat leaves a dock at 2:00 PM and travels due south at a speed of 20 km/h. Another boat has been heading due east at 15 km/h and reaches the same dock at 3:00 PM. At what time were the two boats closest together?

Present neatly on <del>separate paper</del> . :	Justify for full o	redit. <del>No Calculators</del> .
Name	Score	8 minutes / F
1)		
What is the smallest possible area of the trie off by the first quadrant and whose hypoten the parabola $y = 4 - x^2$ at some point?	_	