AP Calculus AB Mr. Shubleka Quiz: 24

Present neatly on separate paper . J	lustify for f	ull credit. No Calculato)rs.
Name 1.	Score	8 minutes	
A conical water tank with vertex down has a 10 ft at the top and is 24 ft high. If water flow tank at a rate of 20 ft ³ /min, how fast is the dep water increasing when the water is 16 ft deep?	s into the oth of the	3 points)	
2.			
Use an appropriate local linear approximate the value of cot 46°, and compare your answer obtained with a calculating device.			