Math2210 Quiz 10 (Sections 13.6, 13	.7)	Summer	r, 2010	Dylan Zwick
Name	_ Date		_	
Instructions: Please show all of your work as part may be no credit given for problems where ther simplified, unless otherwise stated.				
1. (10 points) Find the area of the plane the xy-plane with vertices (0,0), (2,0), (2,0)			that is above	e the rectangle in
Answer:	2.	$z \sqrt{x/z}$		
2. (15 points) Evaluate the iterated into	egral \int		yz dydxdz .	

Answer:

3. (15 points) Find the area of the surface $z=\sqrt{4-y^2}$ in the first octant that is directly above the circle $x^2+y^2=4$ in the xy-plane. (Hint: $\int \frac{1}{1+\cos x} = \tan\frac{x}{2}$.)

Answer : _____