Math 22	25:	Calc	ulu	s III
Quiz 6	Oc	etober	16.	2003

Name:		
Section:_		

1. Find the volume of the solid under the surface defined by  $z=x^3y-3y^2+2$  and above the rectangle  $R=\{(x,y)\,|\,0\leq x\leq 2,-1\leq y\leq 1\}.$ 

2. Calculate the iterated integral  $\int_2^4 \int_0^3 \frac{x}{(1+xy)^2} \, dy \, dx$ .