

# Pre-class Warm-up!!

Choose 3 or 5 topics that you would like me to focus on in review for the final exam.

Extra office hours  
Friday 9-11  
in Vin A 350  
or a nearby  
classroom.

## Possible topics

		Spring '06	Spring '07	Spring '09	Spring '10	Fall '10			
Stokes' theorem	6 1	5,10	8		9				
Gauss's theorem	4 2	6	6	7	4				
Green's theorem	1 3	8	4						
Properties of gradient	8 4	(7)	(2) 3	1,2,10	35				
Equation of a plane	2 5	2	5,7	1,10	1				
Vector geometry	4 6								
Flux integral	6 7	3		7	(9)				
Work integral	2 8		2,10	2	5				
Length of curve / area of surface	0 9	1		5	10				
Taylor polynomial / extrema	7 10	4	1	4,8	2				
Chain rule	5 11	7	9	9	8				
Change of variable formula	5 12	(9)			7				
Polar / cylindrical / spherical	0 13	9	(6)		4				
Change order of integration	1 14			6		4			
Parametrize	8 15			3	6,10				