

Math 18 fall 2010
Homework Set #1
due Thursday September 9, 2010 at noon

Topics covered: vectors(definitions, sum, norm, unit, normalization), dot product, angle between vectors, direction angles, orthogonal projection, cross product, parametric and vector equation of lines

Suggested reading¹: Sections 11.2-5

Problems:

Sections	11.2	11.3	11.4	11.5
Problem no.	4,15,17,19,36,53	1,3,16,24,28,29	1,4,11,13,16	3,8,25,49

¹All problems and readings are from H.Anton, I.Bivens and S.Davis, Calculus Multivariable, 9 edition