

Math 114

Quiz 2

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Consider the plane  $Ax + By + Cz = 0$ , where  $A \neq 0$ ,

- a) Find the distance from  $(1,1,1)$  to this plane;
- b) Find the angle between this plane and the  $xy$ -plane;
- c) This plane intersects the  $xy$ -plane in a line, find the parametric equation for this line.