

ENGINEERING DRAWING
Industrial Engineering

## Group M39

First Quiz Academic Year 2013-2014
Orthographic projection


Imagine that the drawn line segment is one of the table legs that is shown in the figure above.

Find:
a) The projection of the table surface $A B C D$ knowing that
-AB is a horizontal line.
$-B$ is of less depth than $A$.
-A is of more height than D. (4 points)
b) The projections of the four table legs knowing that they are 500 mm long and that they are situated towards the floor. (3 points)
c) The angle between the table surface and the horizontal plane. (3 points)

IMPORTANT: The given drawing is at a scale of 1:20


