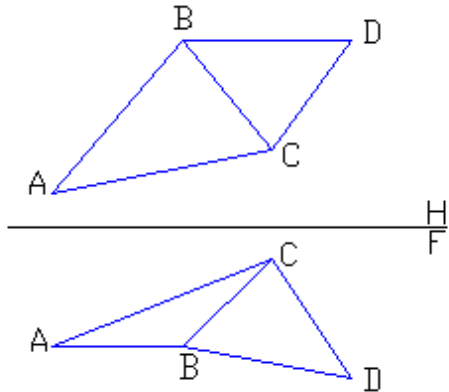


## Engr 210 AA -- Engineering Graphics

### HW #13: True Length, Direction and Slope of Lines; Edge View of Planes

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

#### Part 1. True Length, Direction and Slope of Lines



The top and front views of a three-dimensional truss ABCD are shown in the figure. Using appropriately selected auxiliary reference planes, construct auxiliary views that show the true length and slope angle of each of the lines AB and CD.

**Note:** The lines need not simultaneously appear true length in a single view.

Tabulate your results below:

Line	TL (mm)	Bearing	Slope Angle
AB			
CD			

#### Part 2. Edge View of a Plane

Given the front and top views of plane ABC, construct an edge view of the plane. You will need to construct one auxiliary view. Use the label TL to indicate true length of lines.

