Practice Problems

EDSGN 100 Introduction to Engineering Design

1. Draw three views of the given block on a graphic paper by using a scale of 1:1, and then fully dimension them. (Note: all dimensions in the pictorial drawing given are in inches.)
1. Draw the Top, Front, and Right Side View of the problem shown below with a scale 2:1. Then dimension this drawing using metric measurements (STRICTLY mm). Implement all the dimensioning principles discussed in class and round off to the nearest millimeter.
1. Construct an isometric pictorial drawing of the object shown below by using a scale of 2:1. (Note: Do not dimension the drawing, and do not draw hidden lines).
Given the object shown below, construct the appropriate section view.