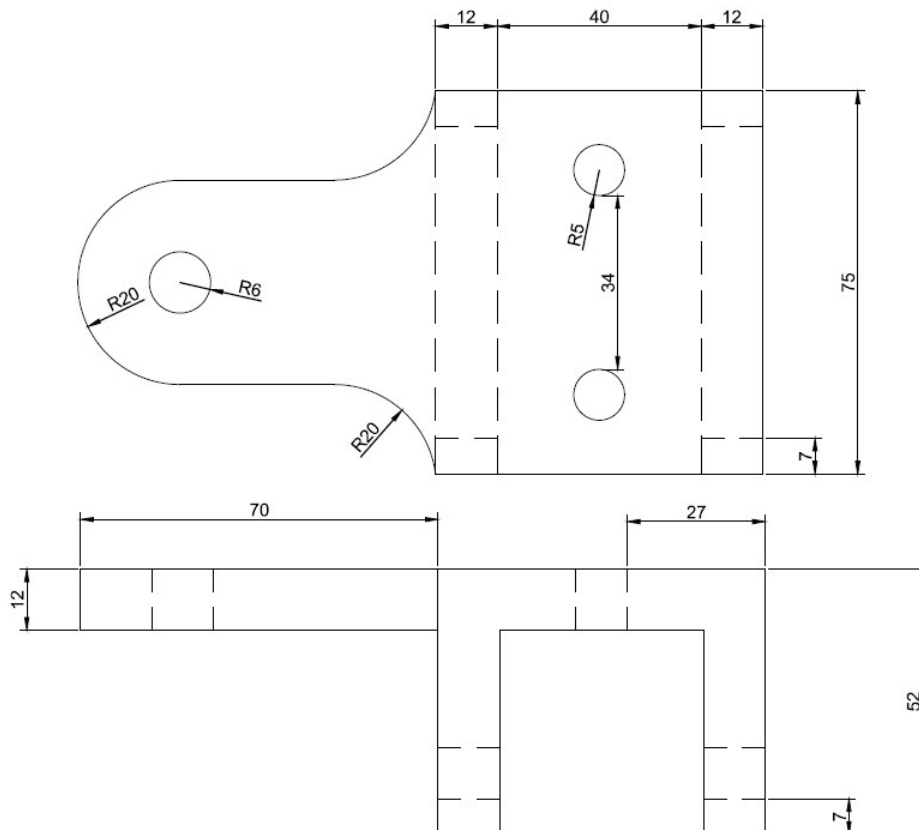
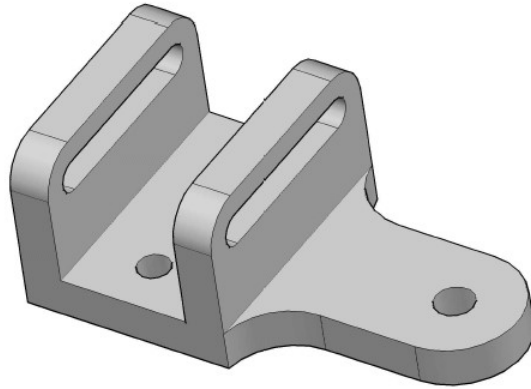


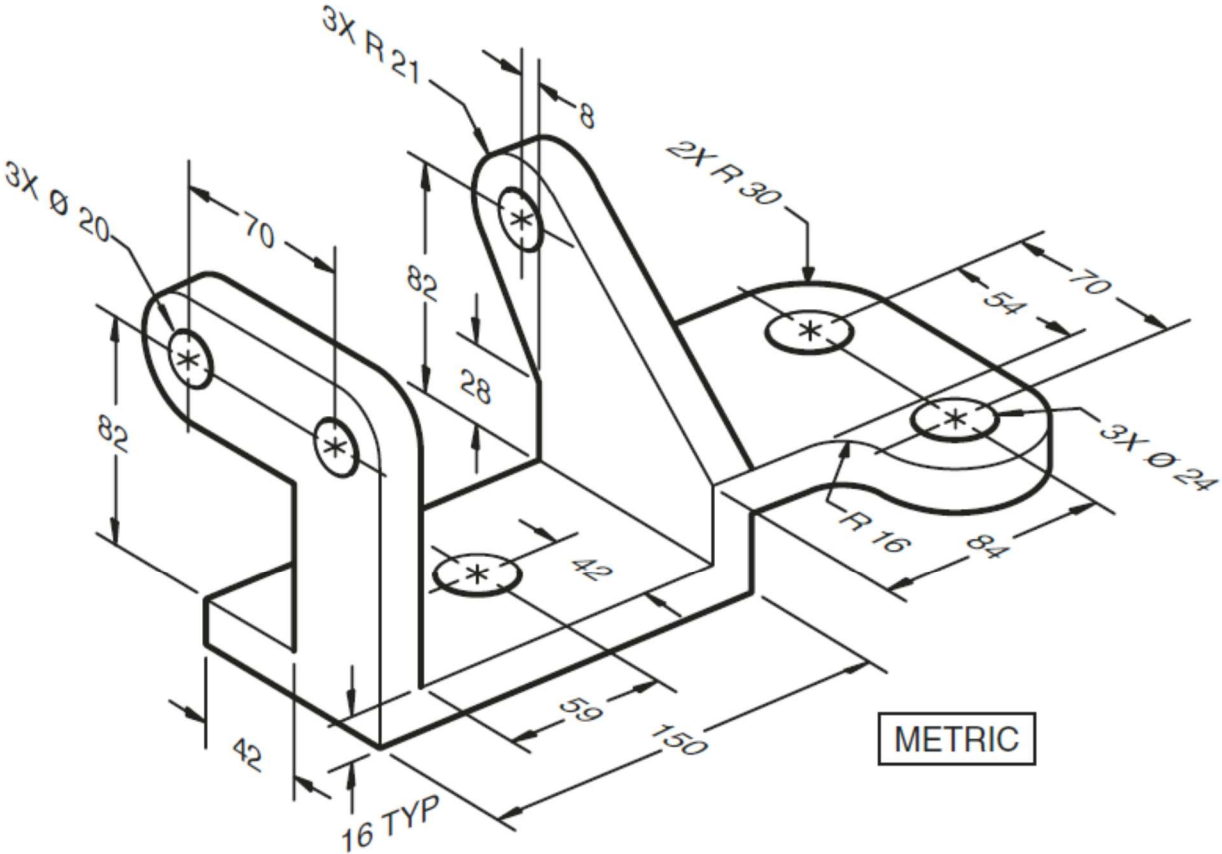
**KIG 1012 Engineering Design and Modeling**  
**Tutorial 2 (Basic Solid)**  
**2022/23**

**Solid 1**

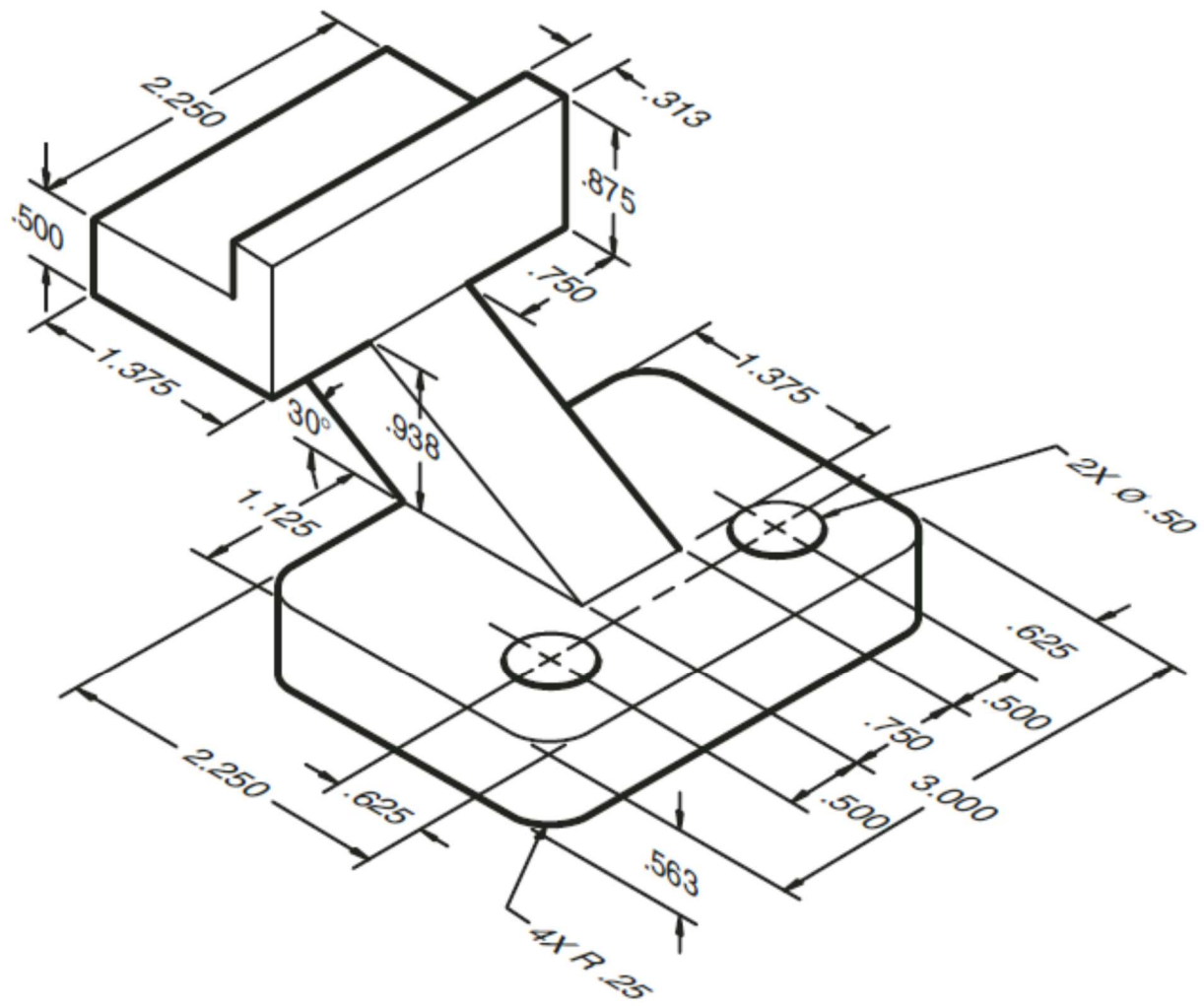


Isometric view of a mechanical part. Dimensions include: overall length 4.00, overall width 2.50, overall height 1.125, and a base width of 4.50. A cylindrical feature has an outer diameter of  $\phi 2$  and an inner diameter of  $\phi 1.5$ , with a height of 1.50. A sloped surface has a thickness of 0.50. A note indicates: "ALL FILLETS & ROUNDS R.125". Other dimensions shown are 0.875, 0.50, and 2.00.

Solid 3



### Solid 4



### Solid 5

