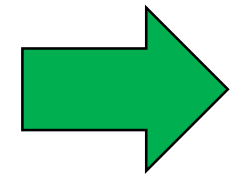
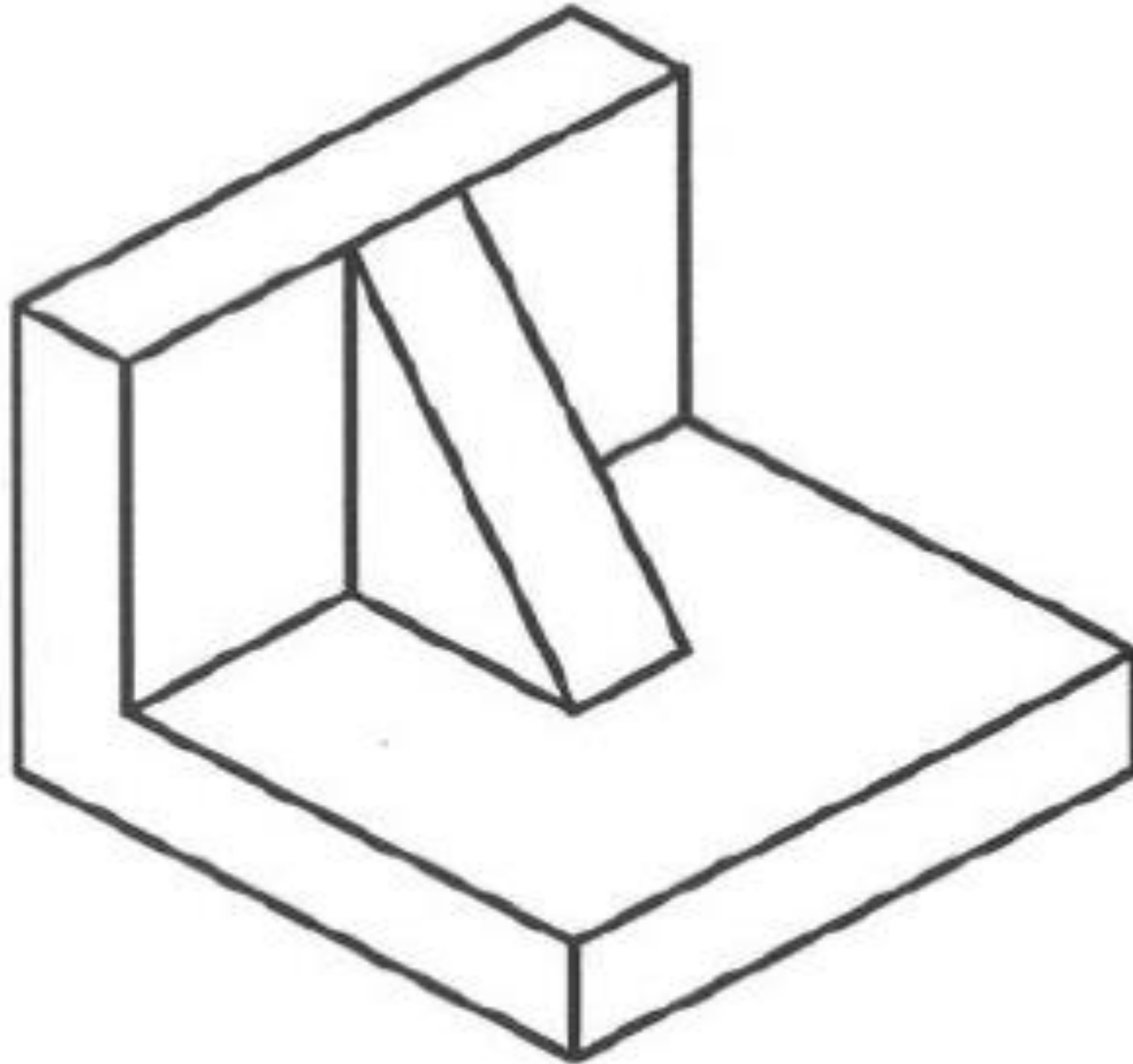


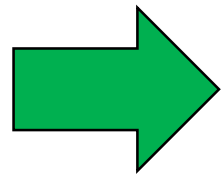
Questions from Previous Lecture

1. What is projection and projectors?
2. Types of projection depending on types of rays?
3. Define orthographic, oblique & perspective projection.
4. What is orthographic view?
5. Types of projection depending on angle?
6. Difference between first angle & third angle projection.
7. Types of views drawn from an object & their relative position.

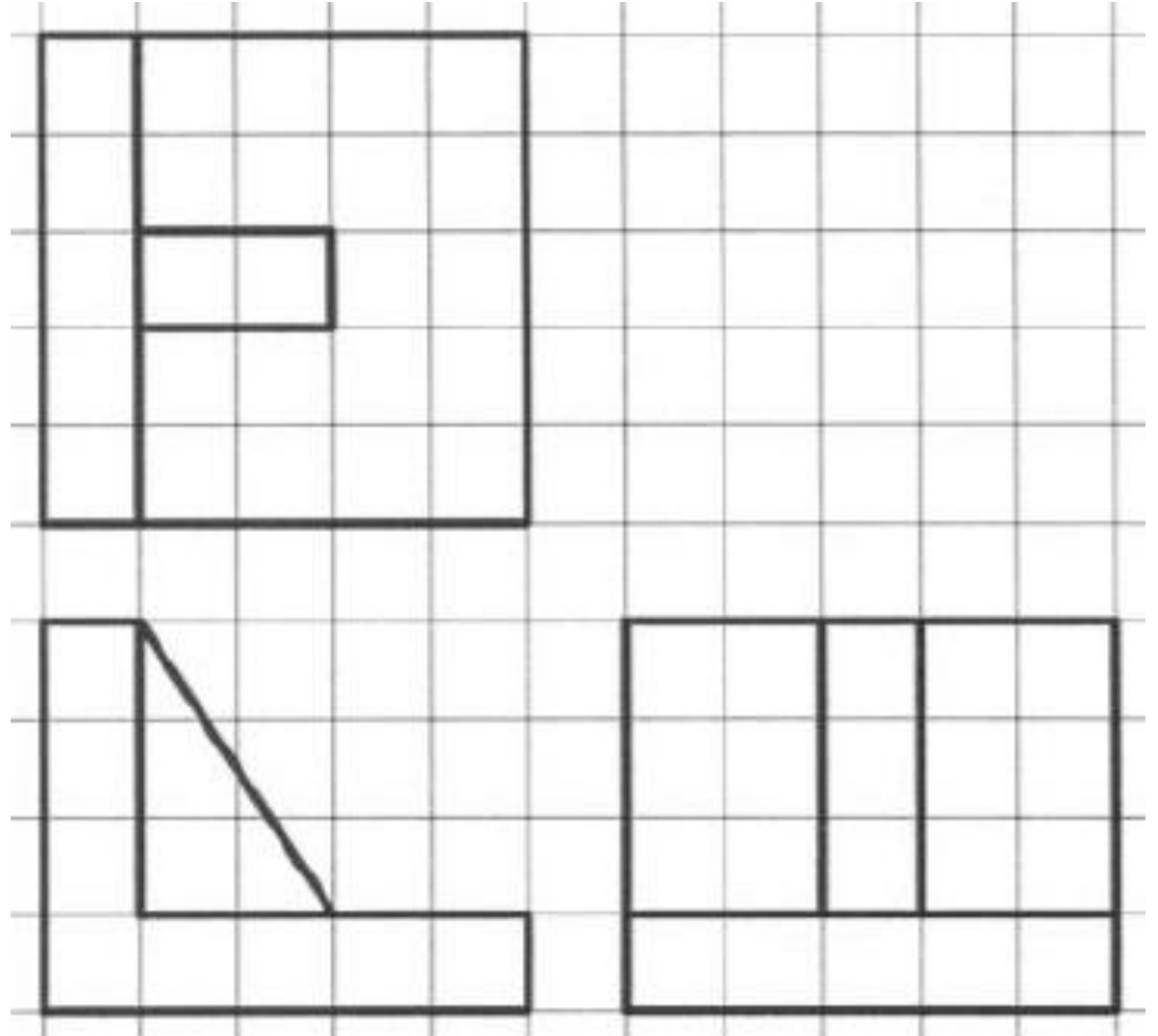
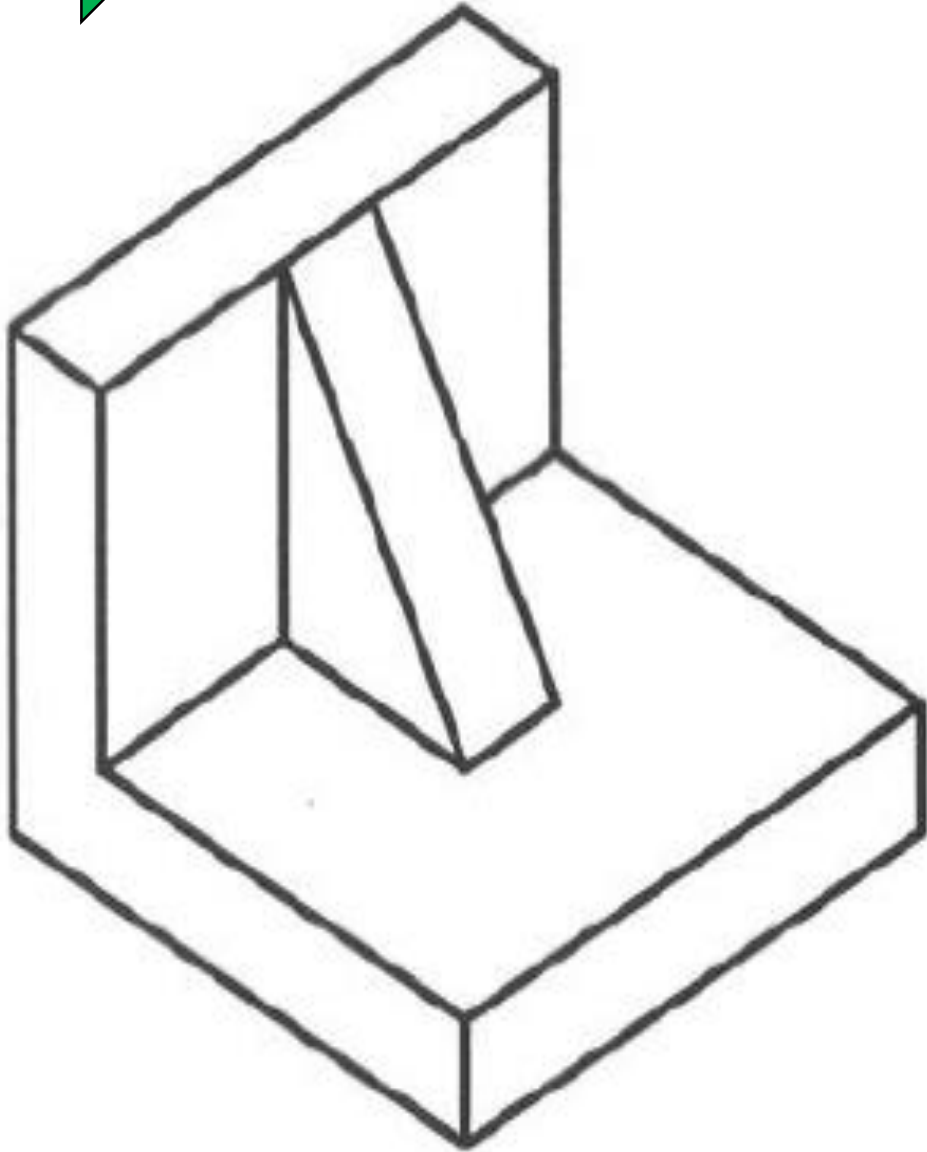


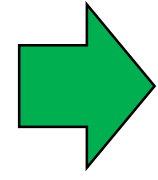
Draw top, right side, and front views of this object



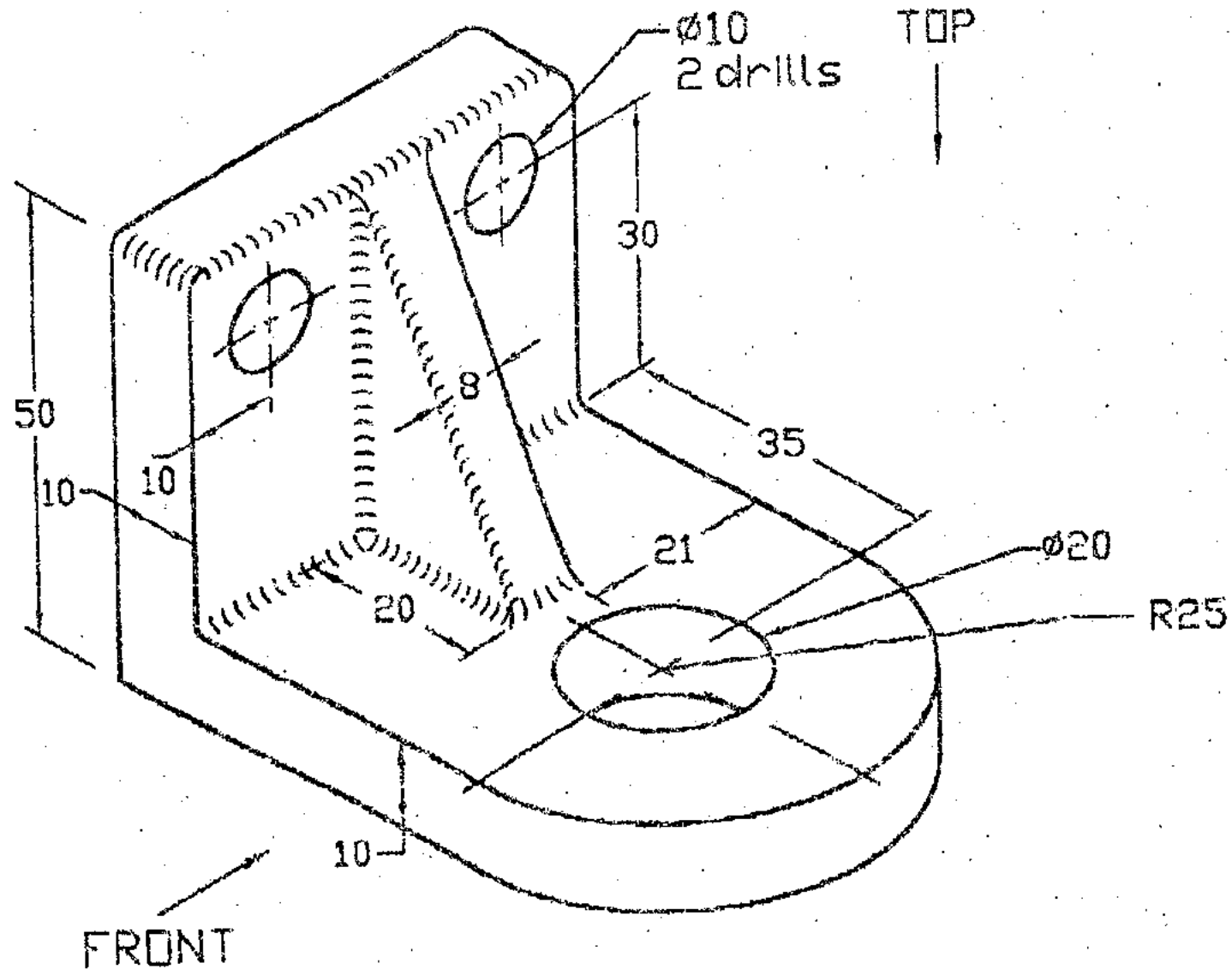


Draw top, right side, and front views of this object





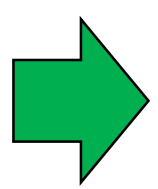
Draw top, front, and right side views of the following object as shown.



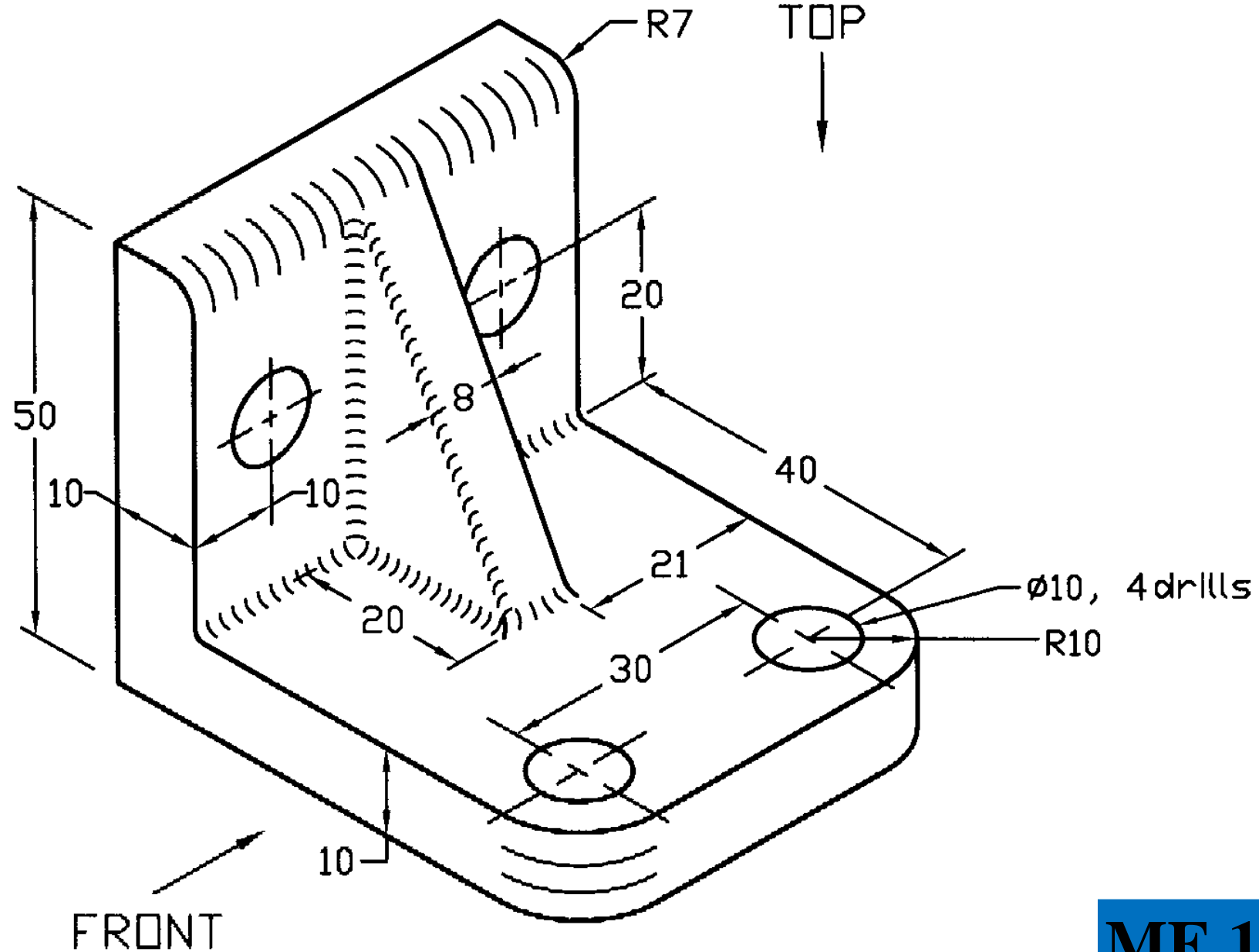


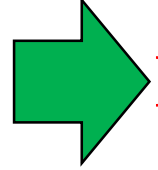
The image displays three orthographic views of a mechanical component:

- TOP VIEW:** Shows a rectangular base with a semi-circular end on the right. The semi-circular end has a radius of $R25$ and a central circular hole with a diameter of $\varnothing 20$. The total width of the part is 35 .
- FRONT VIEW:** Shows the profile of the part. The top edge is a quarter-circle with a radius of 20 . The bottom edge is a horizontal line with a height of 10 .
- RIGHT SIDE VIEW:** Shows the side profile of the part. It features two vertical rectangular sections, each 10 units wide, separated by a 8 unit gap. The total width is 21 . Each section has a central circular hole with a diameter of $\varnothing 10$ and a depth of 10 . The bottom edge is a horizontal line with a height of 10 .

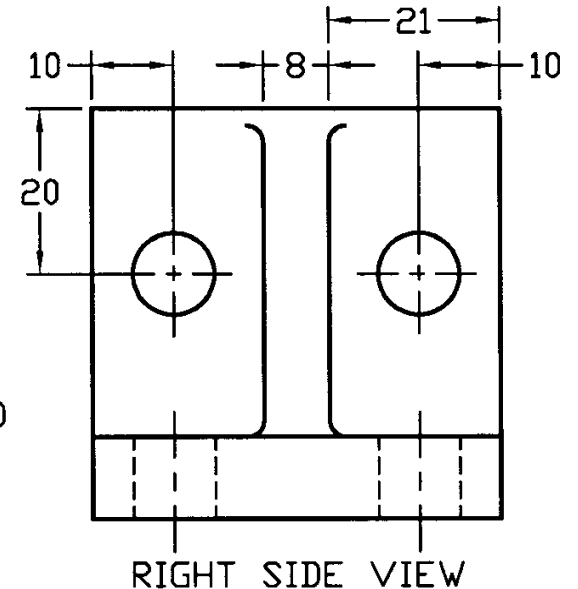
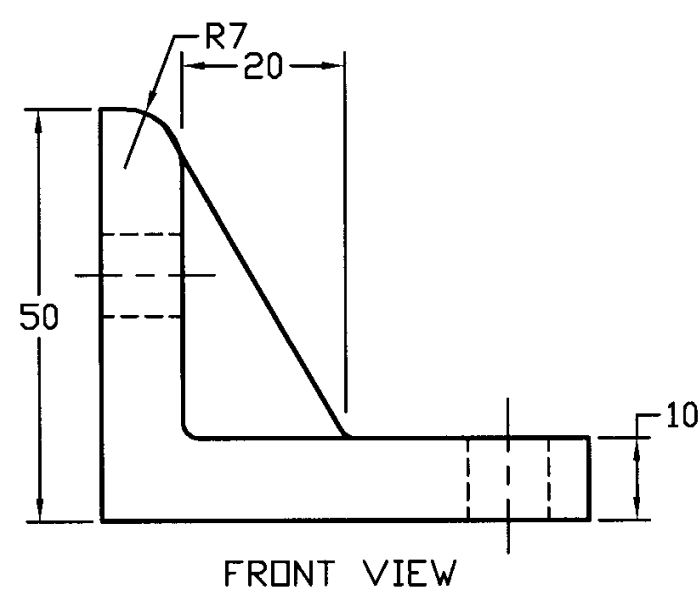
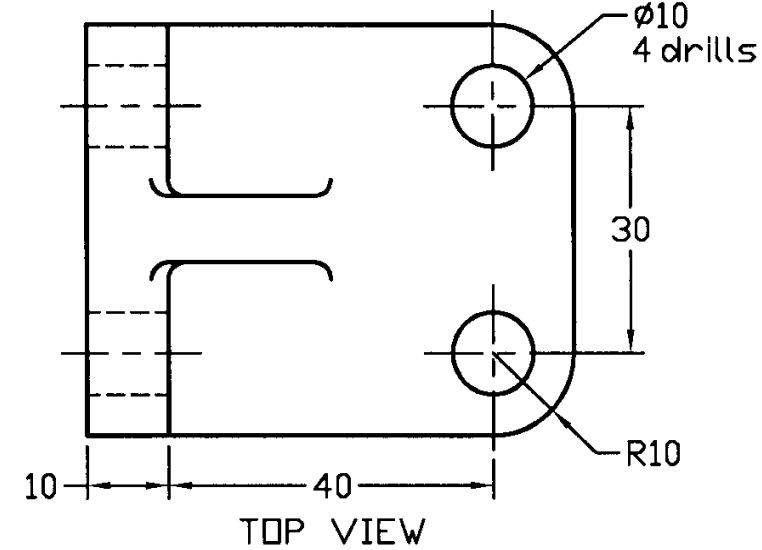
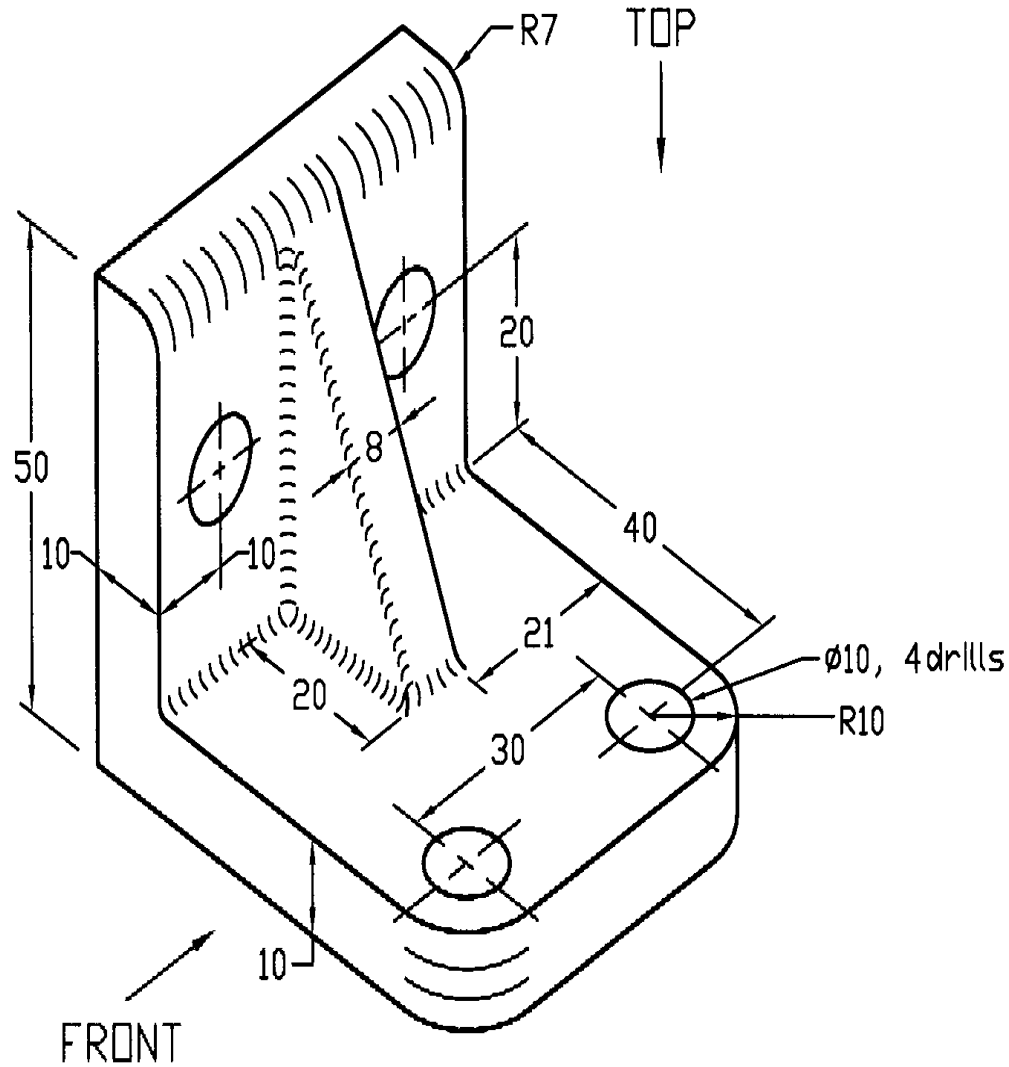


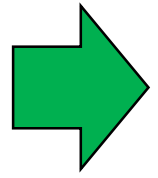
Draw top, front, and right side views of the following object as shown



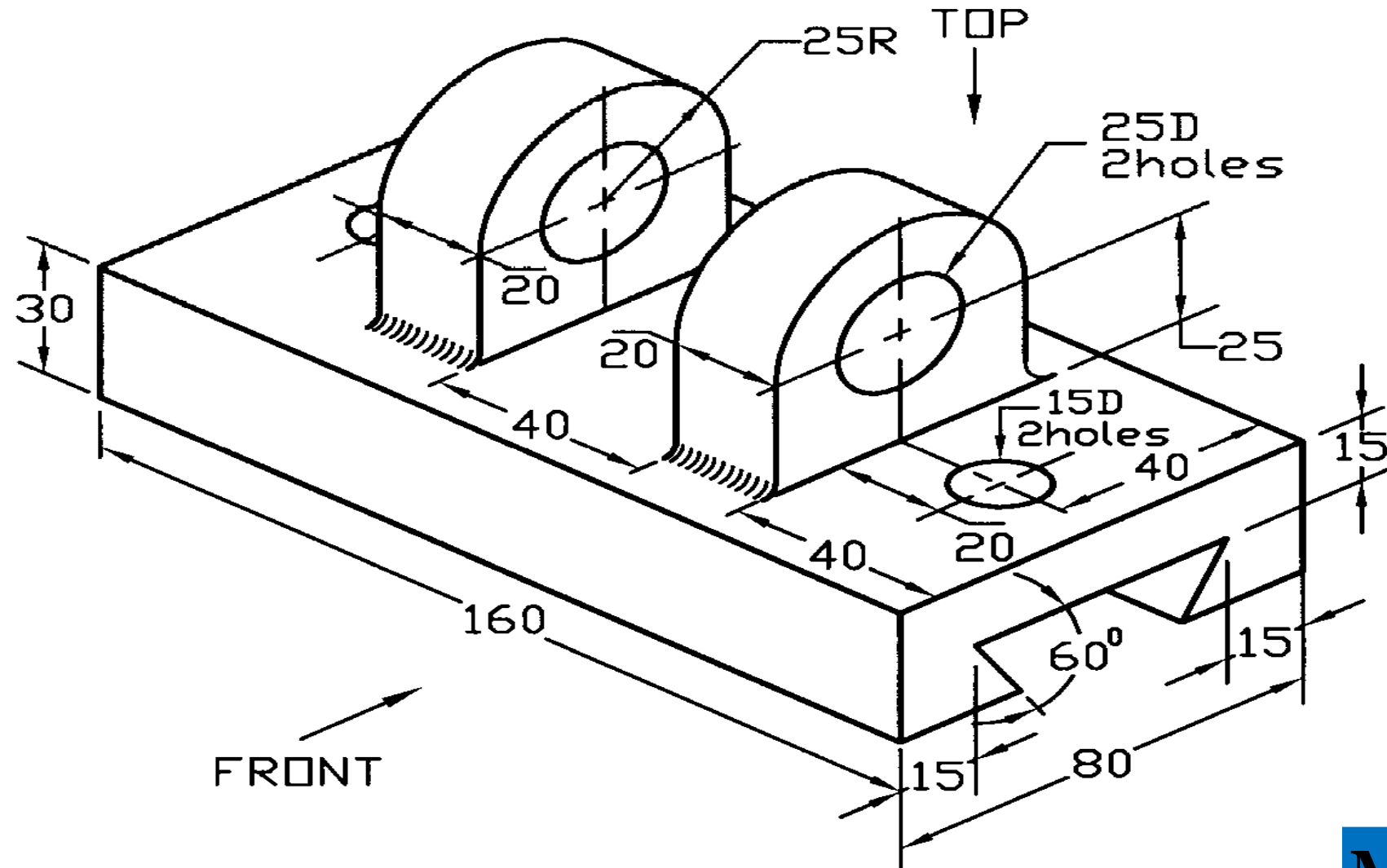


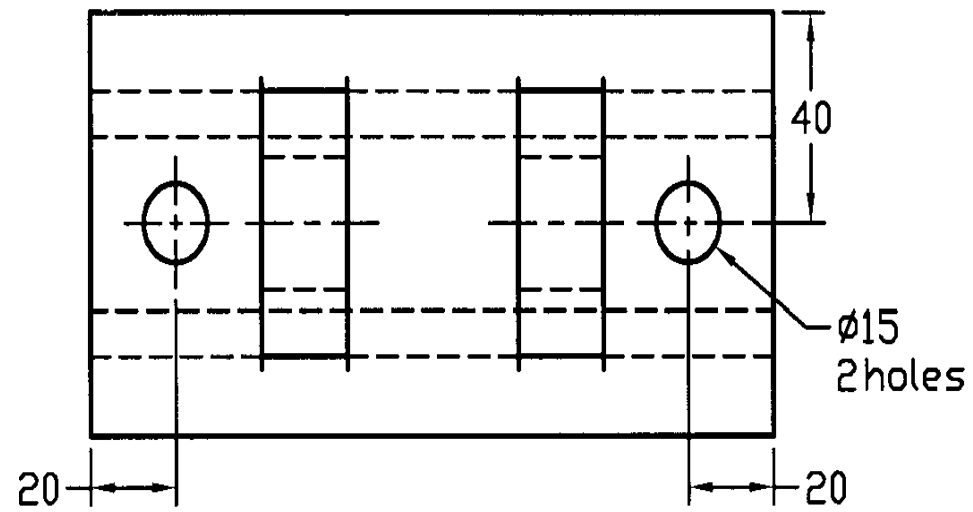
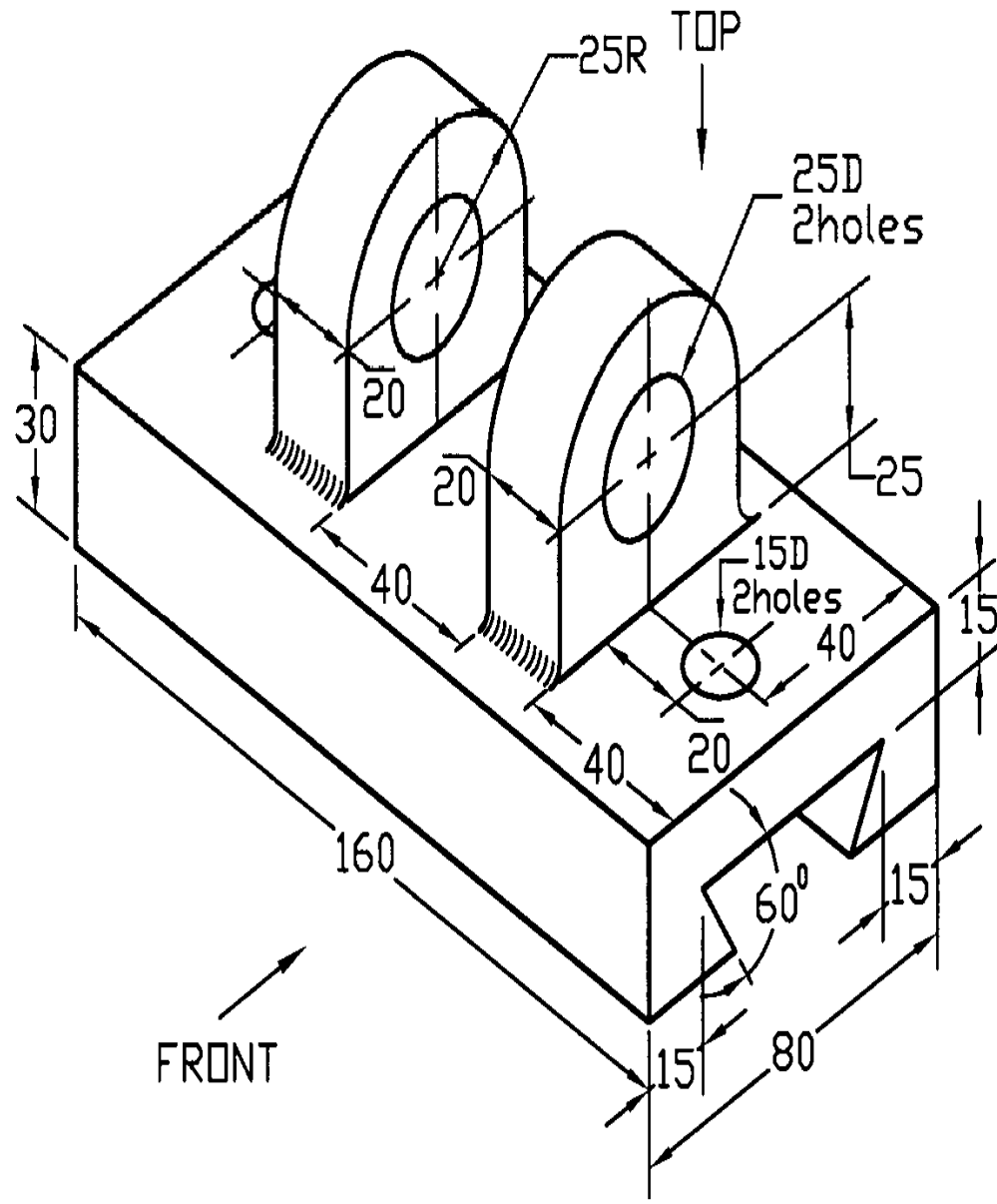
Draw top, front, and right side views of the following object as shown



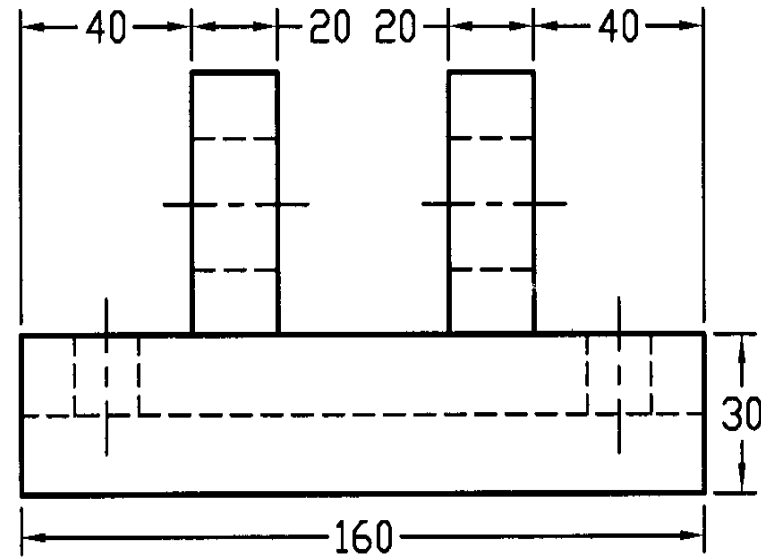


Draw the top, front and right side views of the guide block as shown

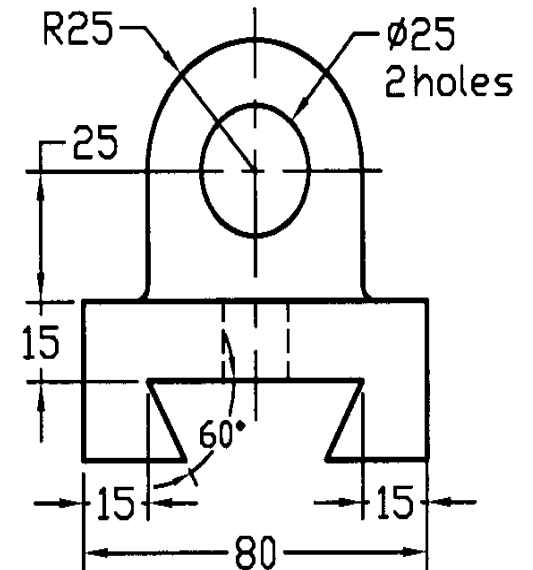




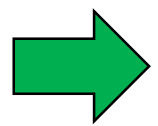
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW



Draw top view, front view and right side view of the object as shown

