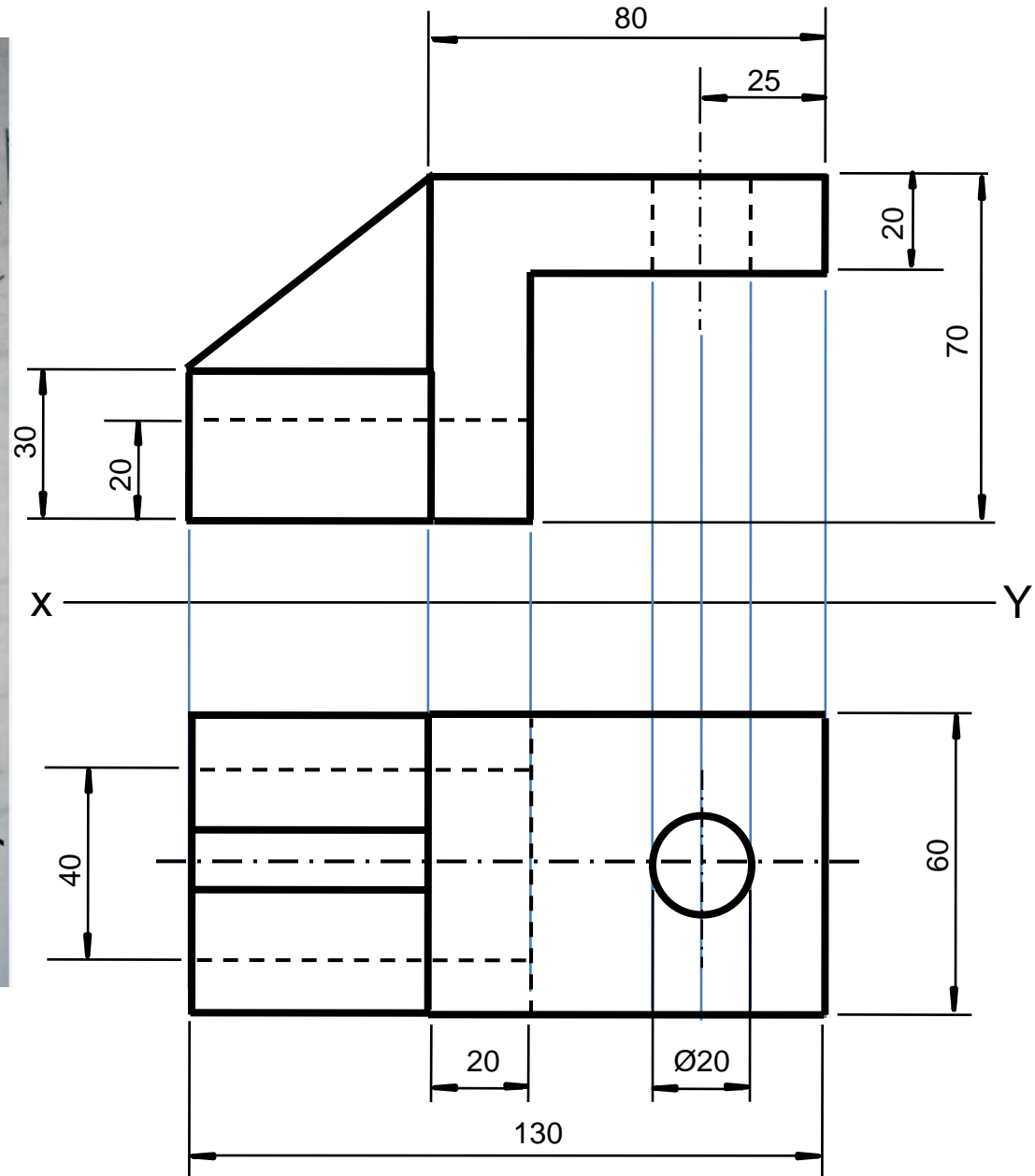


ENGINEERING DRAWING

Topic:
Orthographic Problems

An isometric drawing of a mechanical part with the following features and dimensions:

- Dimensions:** 80 (width), 25 (top width), 20 (height), 50 (depth), 130 (total depth), 20 (bottom depth), 50 (height of the main body), 12 (height of the top flange), 30 (radius R30), 20 (radius R20).
- Features:**
 - 1:** The main body of the part.
 - 2:** The vertical face of the main body.
 - 3:** The slanted face of the main body.
 - 4:** The top surface of the main body.
 - 5:** The slanted face of the top flange.
 - 6:** The vertical face of the top flange.
 - 7:** The top surface of the top flange.
 - 8:** The bottom surface of the main body.
 - 9:** The bottom surface of the top flange.
 - 10:** A hole with a diameter of $\varnothing 20$ on the top surface.
- Orientation:** The part is oriented with the X-axis pointing right and the Y-axis pointing down.



Thanks