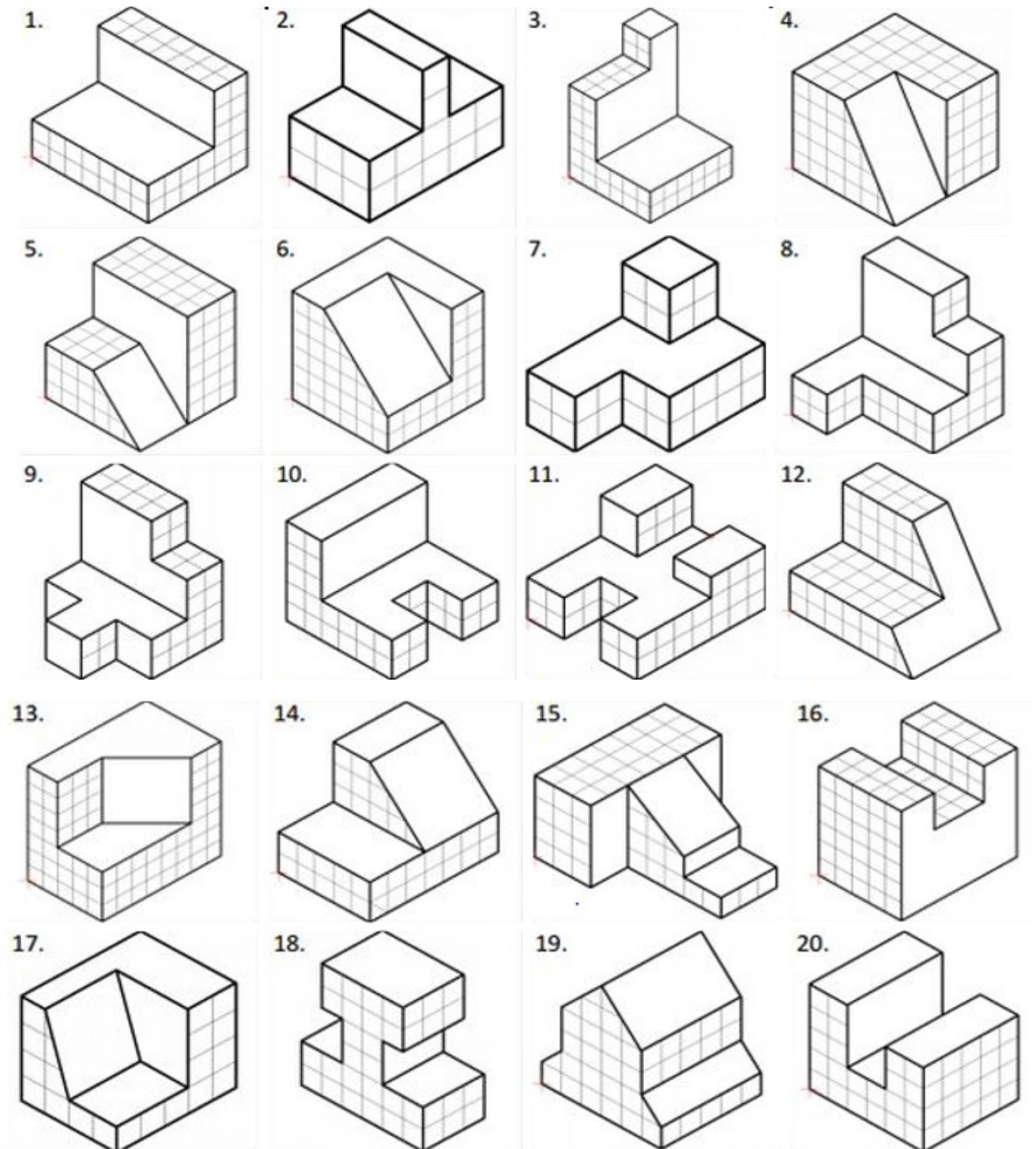


ADDIS ABABA SCIENCE AND TECHNOLOGY UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
MEng 1011 –ENGINEERING DRAWING

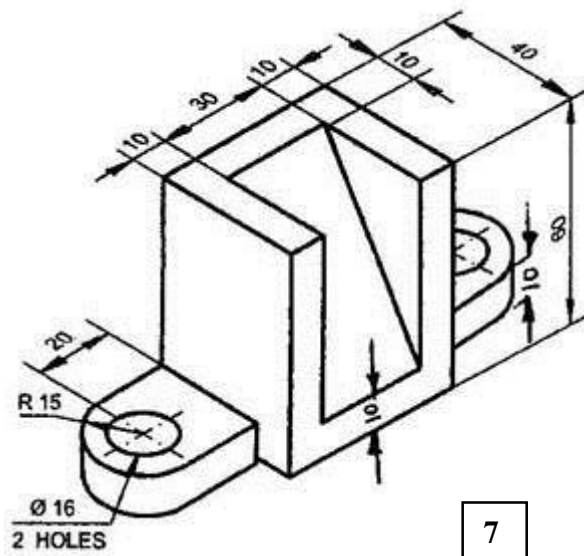
EXERCISE THREE

2018/2019

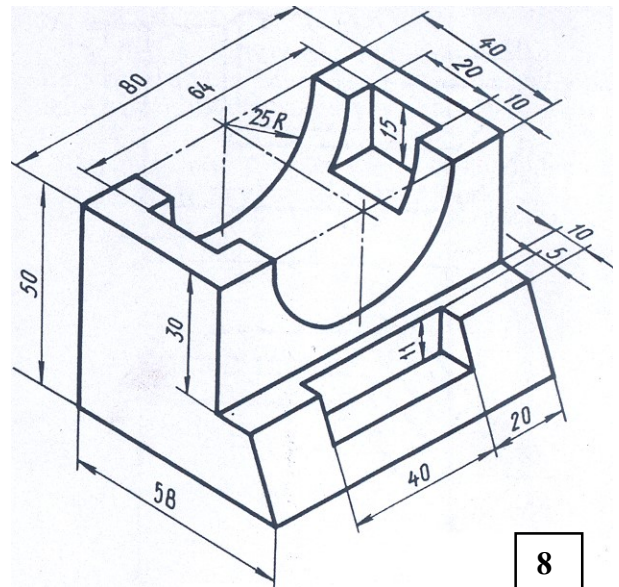
A. Draw the multiview drawing of the following objects using 1st and 3rd angle Projection



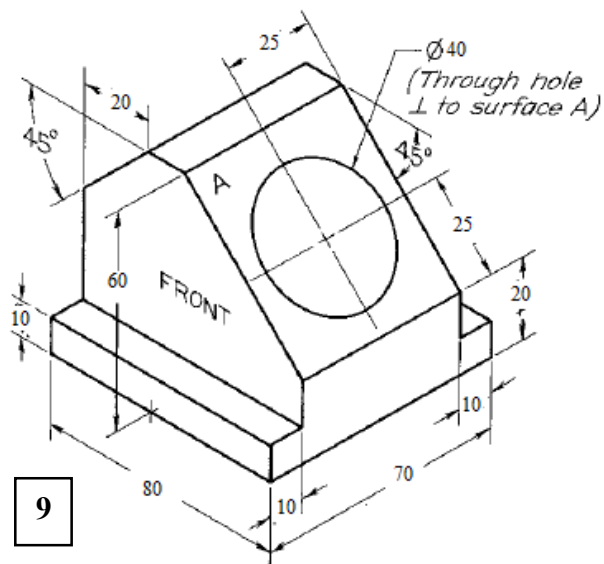
NB: The indicated square lines on the object is 10mm x 10mm



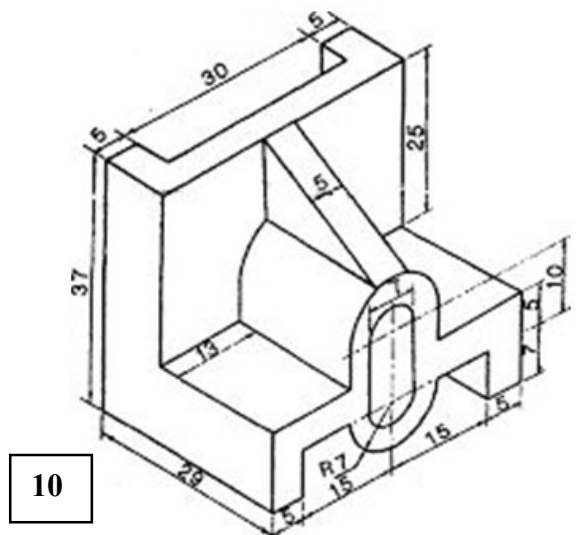
7



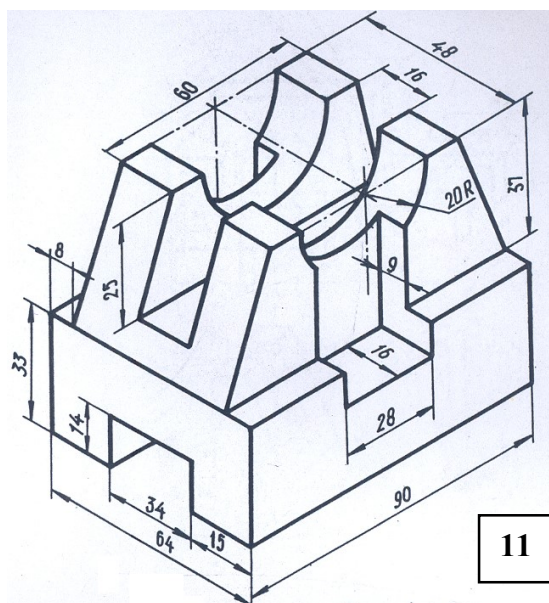
8



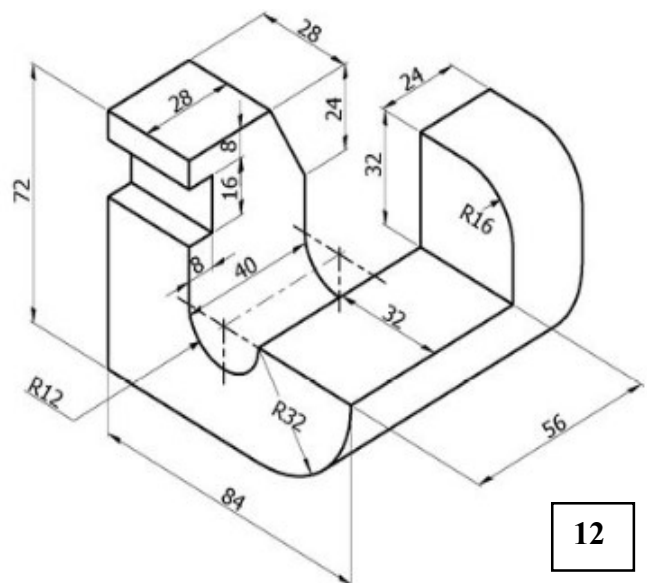
9



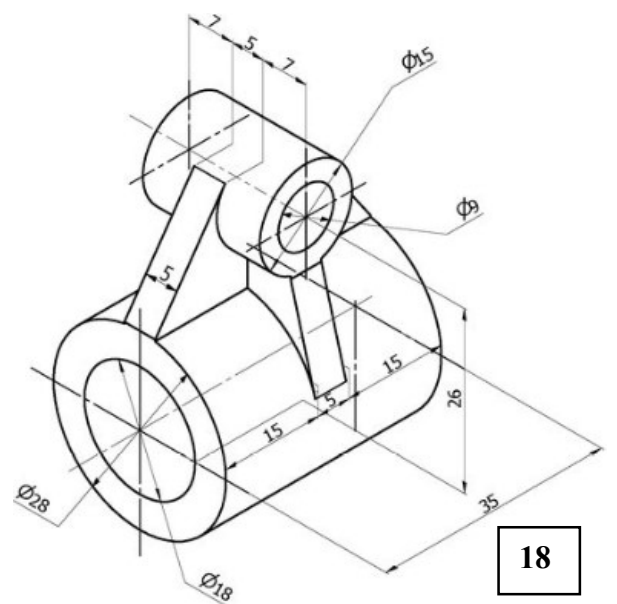
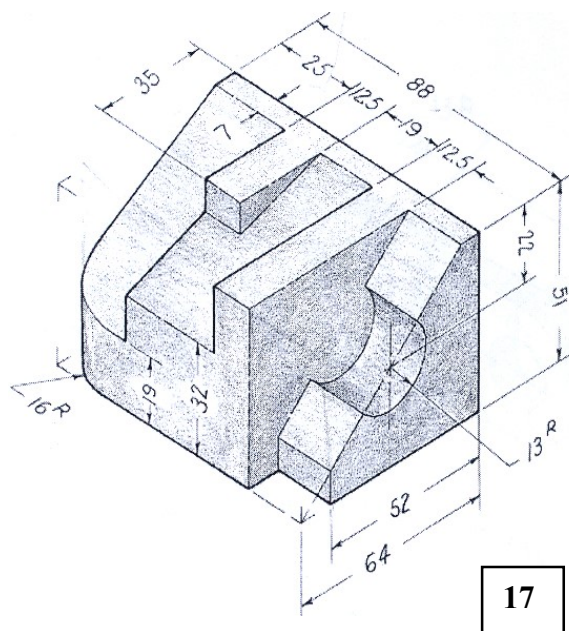
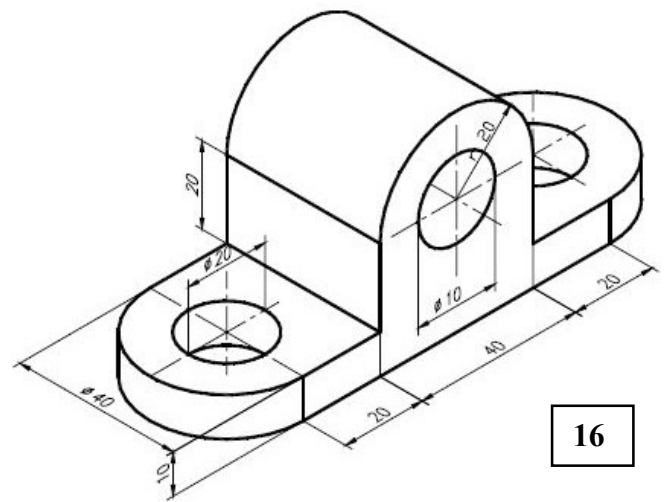
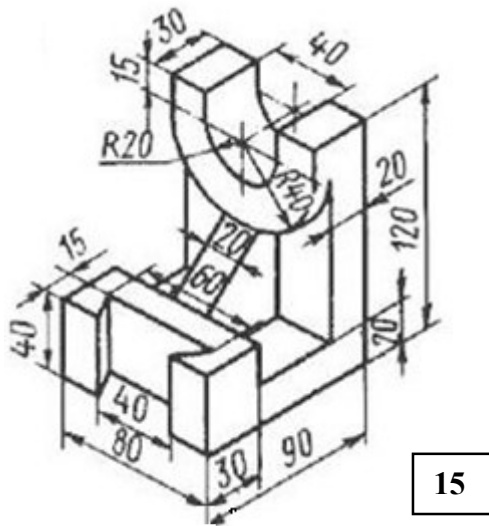
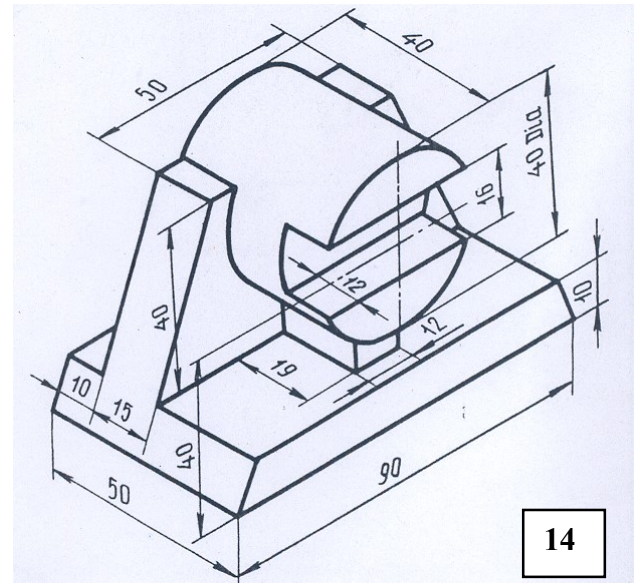
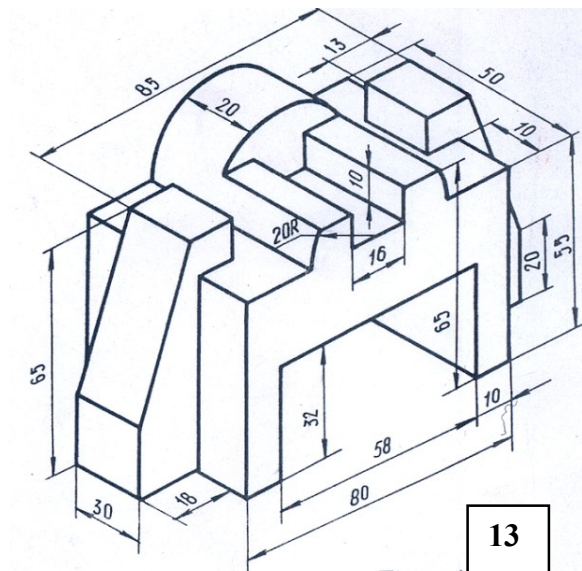
10

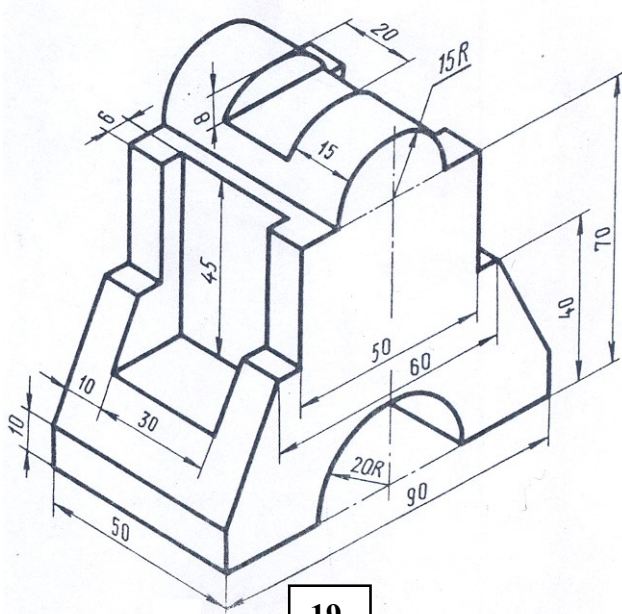


11

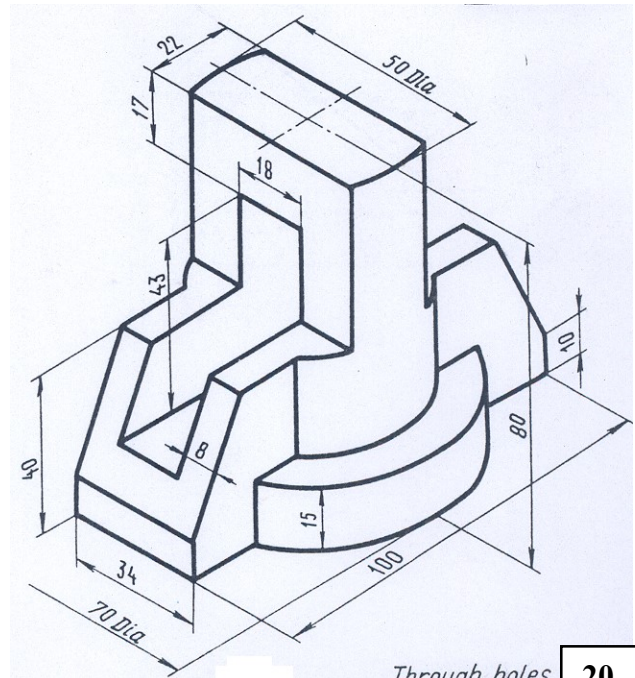


12

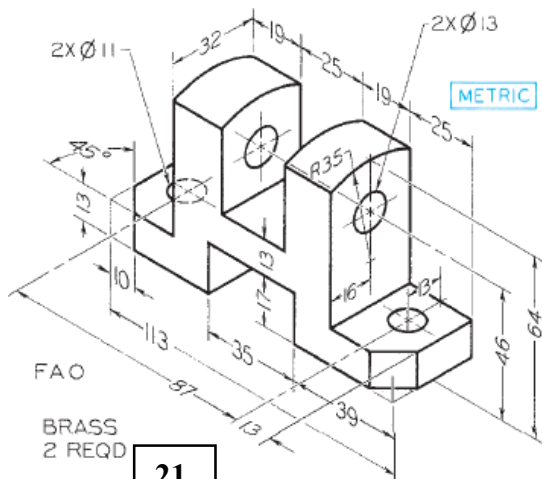




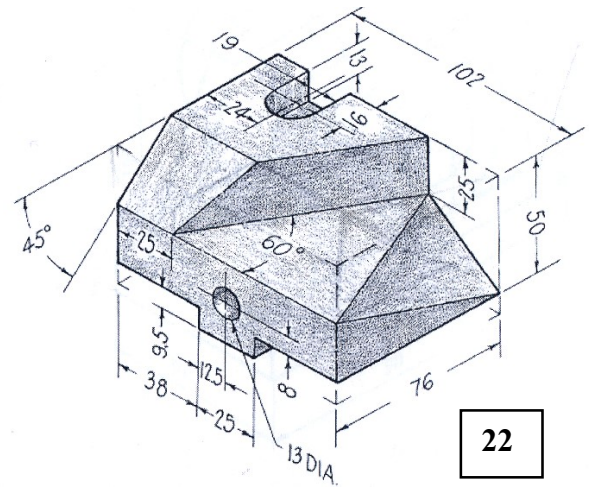
19 Through holes



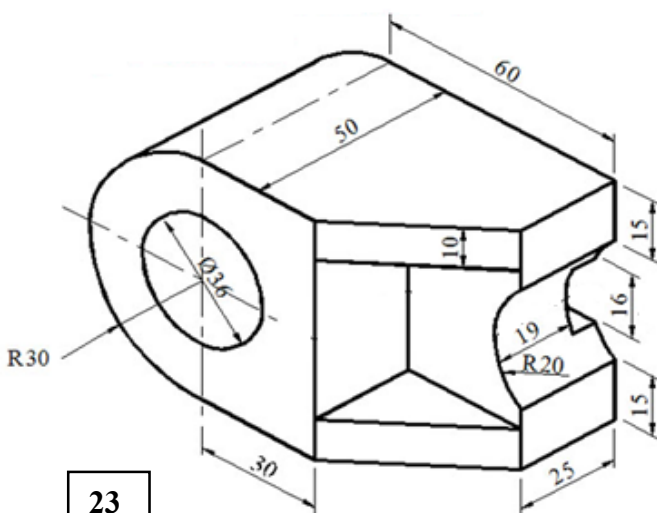
Through holes 20



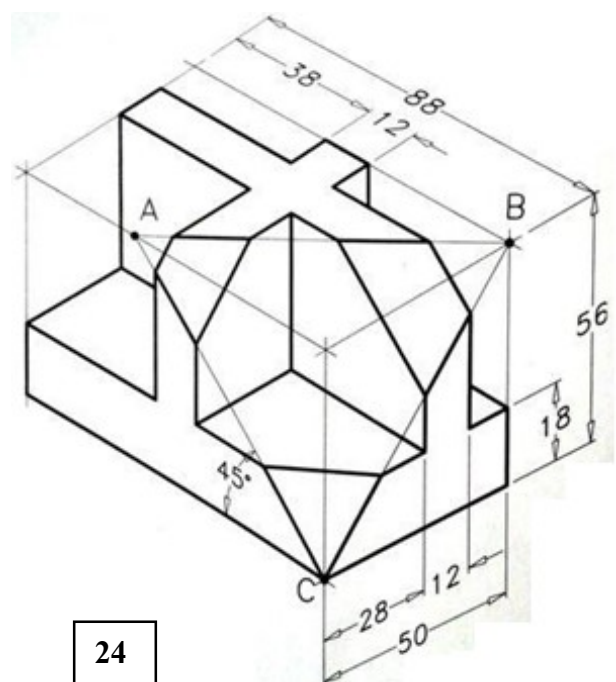
21



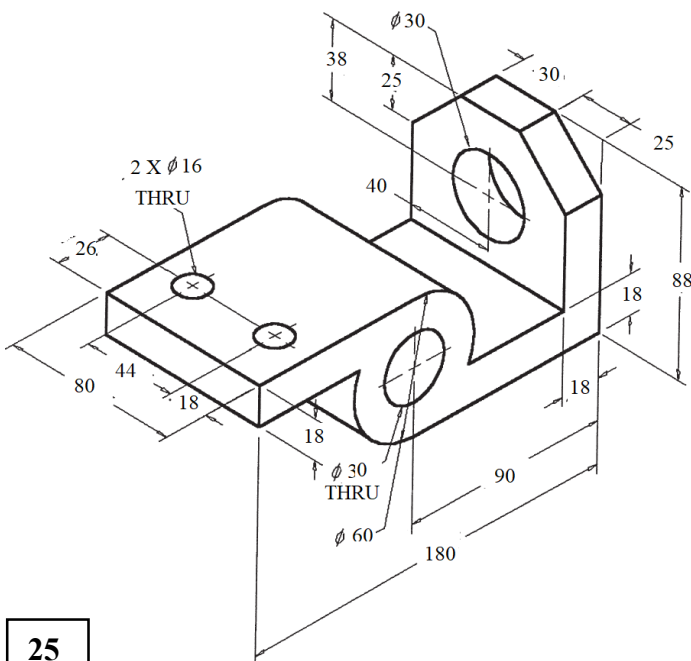
22



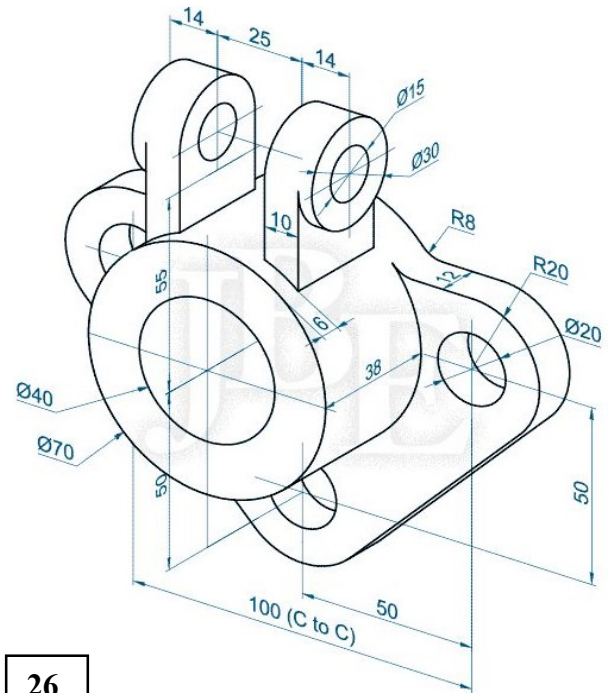
23



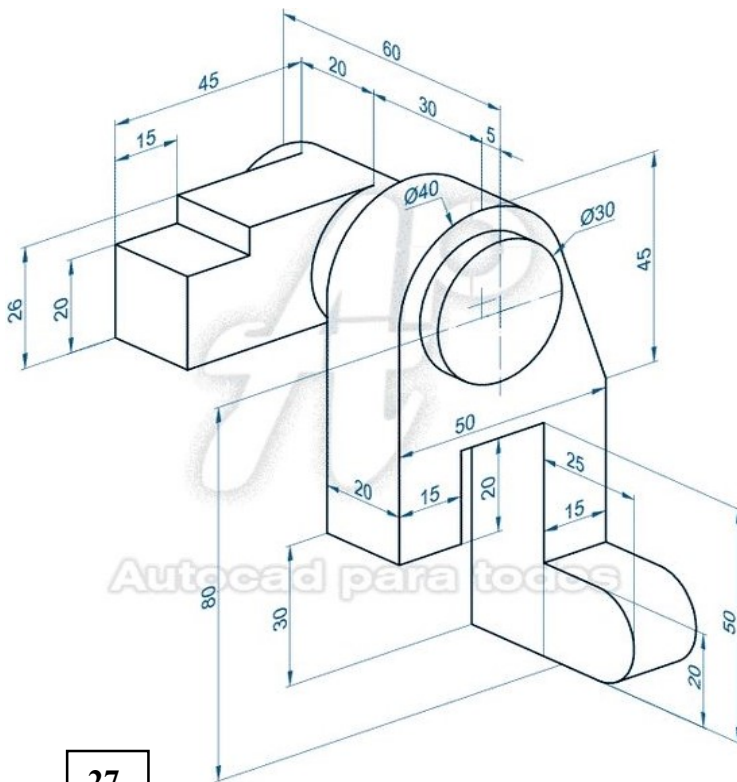
24



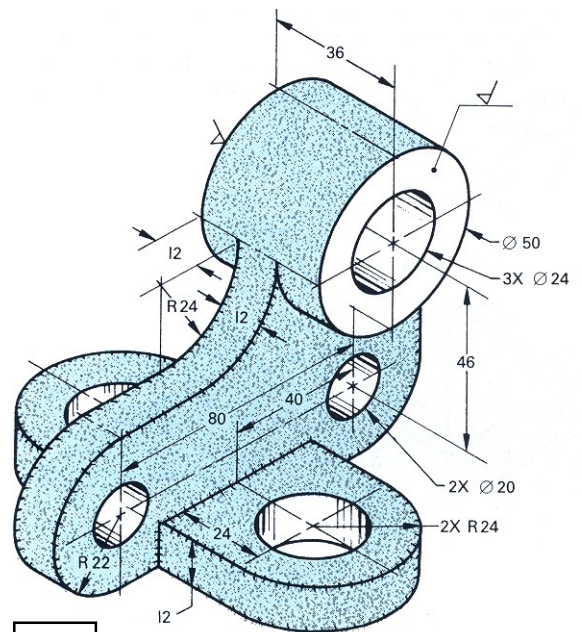
25



26



27



28

NB:All dimensions are in mm

:Assignment Question 20, 24, 25 & 26 using 1st angle projection