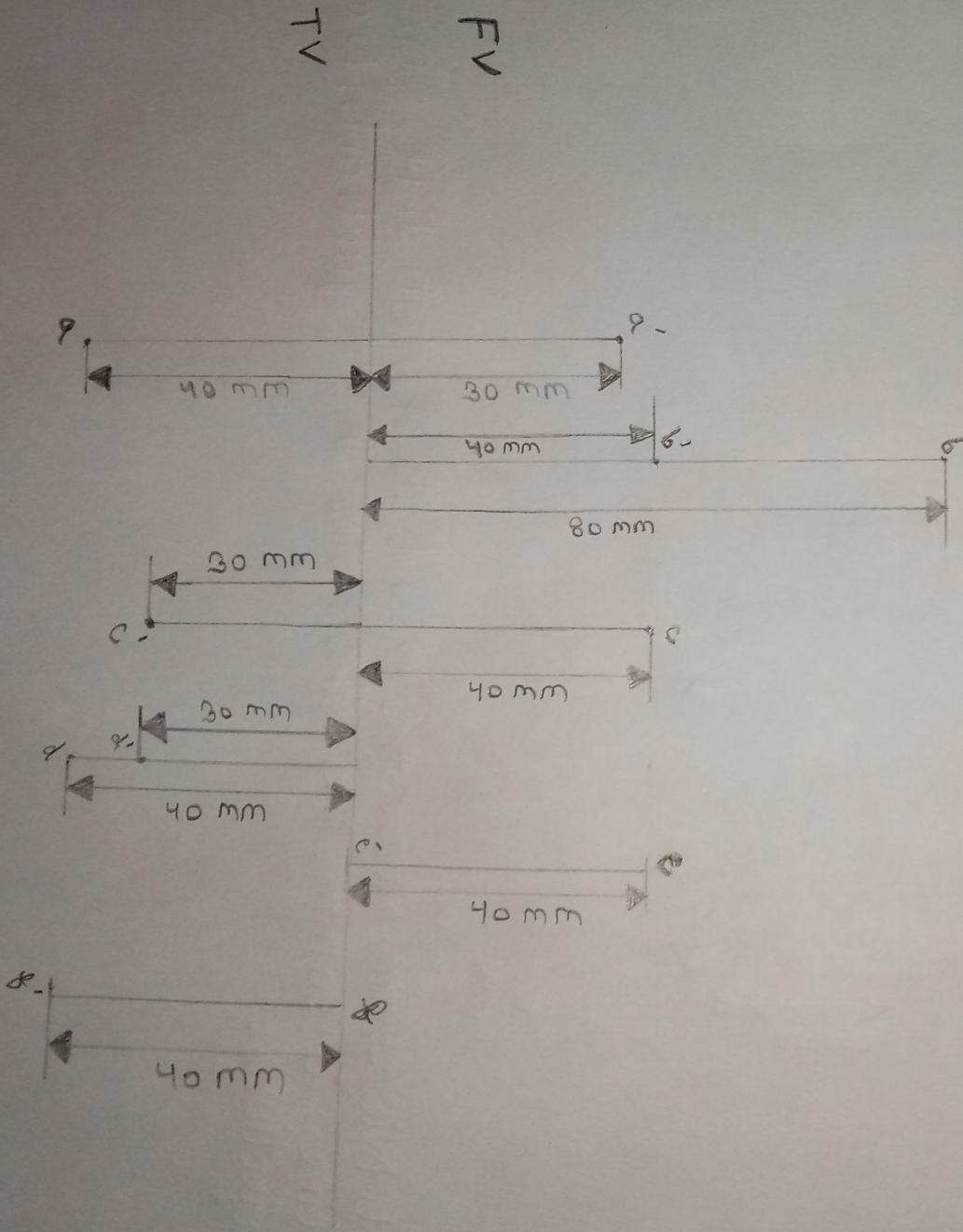


Name: Anmol Baranwal

Roll no.: 2820208 - A

Q.1. Draw the projections of the following points on a common x-line. Keep the dieth blue tube consecutive projectors as 20mm.

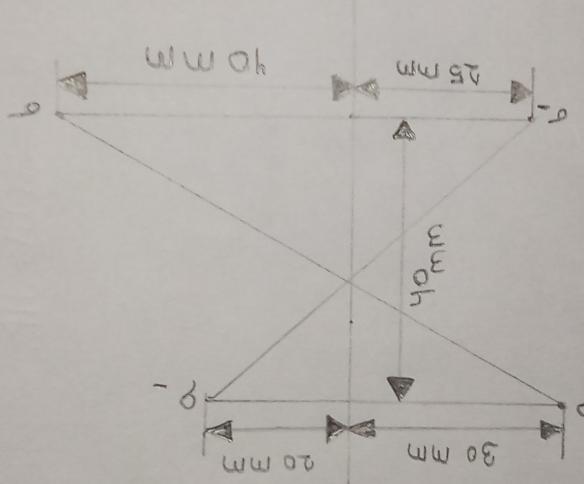
- (A) 30 mm above HP and 40 mm in front of VP.
- (B) 80 mm above HP and 40 mm behind VP
- (C) 30 mm below HP and 40 mm behind VP
- (D) 30 mm below HP and 40 mm in front of VP
- (E) in the HP and 40 mm behind the VP.
- (F) in the VP and 40 mm below HP.



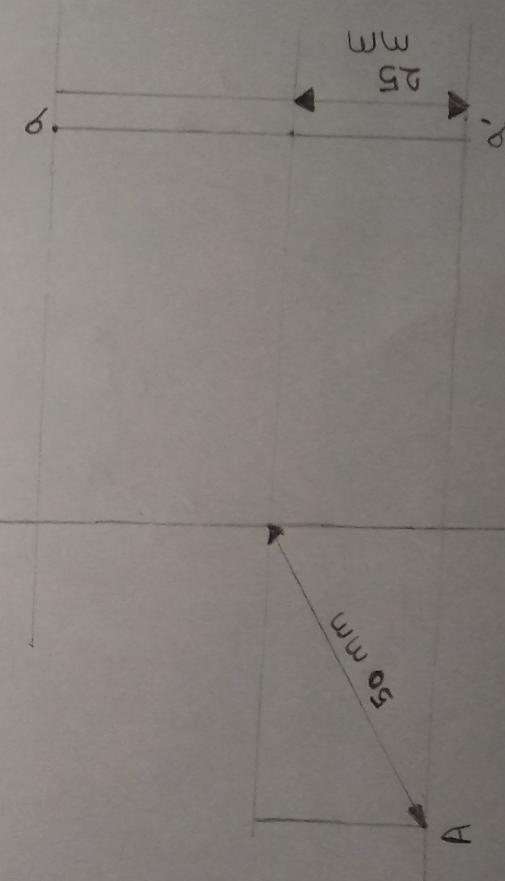
Name: Anmol Bansal  
Roll no.: 2820208 - A [CSE]

Q. Point A is 20 mm above HP and 30 mm in front of VP and point B is 25 mm below HP and 40 mm behind the VP. The end projections for these points are 40 mm apart. Draw the projections of the points and find the lengths of front views and the top views of the line joining points A and B.

$$\text{Length of FV} \Rightarrow 60 \text{ mm}$$
$$\text{Length of TV} \Rightarrow 80 \text{ mm}$$



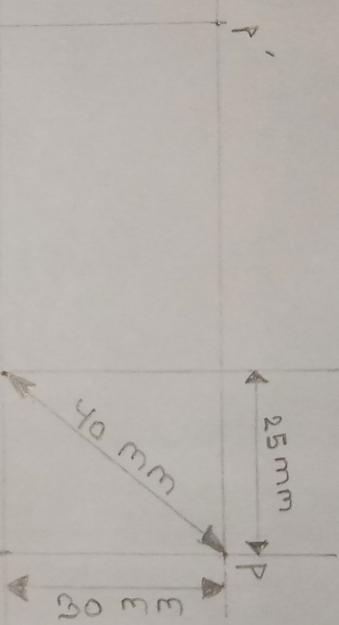
Q. A point P is 25 mm below the HP and its shortest distance from XY line is 50 mm. The point P lies in 3rd quadrant. Draw its projections.



Name : Anmol Barotwala  
Roll no : 2820208 - A [CSE]

Q. A point P is 30 mm above HP and 25 mm in front of VP.  
Determine the least dist<sup>n</sup> from the XY line.

The least distance from the XY plane is 40 mm.



Q A point A is 25 mm above HP and is in 1<sup>st</sup> quadrant.  
Its shortest dist<sup>n</sup> points from XY line is 50 mm. Draw  
its plan and elevation.

A(FV)  
A(TV)

a(FV)  
elevation

Name: Anmol Bararwala  
Roll no: 2820208-A [CSE]

Q. A point C is 15 mm above HP and 45 mm in front of VP. In what quadrant other points D lies if the distance between the vertical projections of C and D is equal to 60 mm and the distance between the projections through C and D be 40 mm and point D is 40 mm in front of VP?

d' and d<sub>1</sub>' are two possible positions of elevation of point d

