Question

Q1. Draw projections of following solids resting in HP on their bases using common reference line.

a. cylinder having 40mm as base diameter and 55 mm height.

b. A pentagonal prism h of base 25 mm and 48mm long having one of its base edge ⊥ to VP.

c. A cone of 40mm base diameter and height 55 mm.

d. A pentagonal pyramid 25 mm edge and 48 mm height with an edge of its base at 90° to the VP

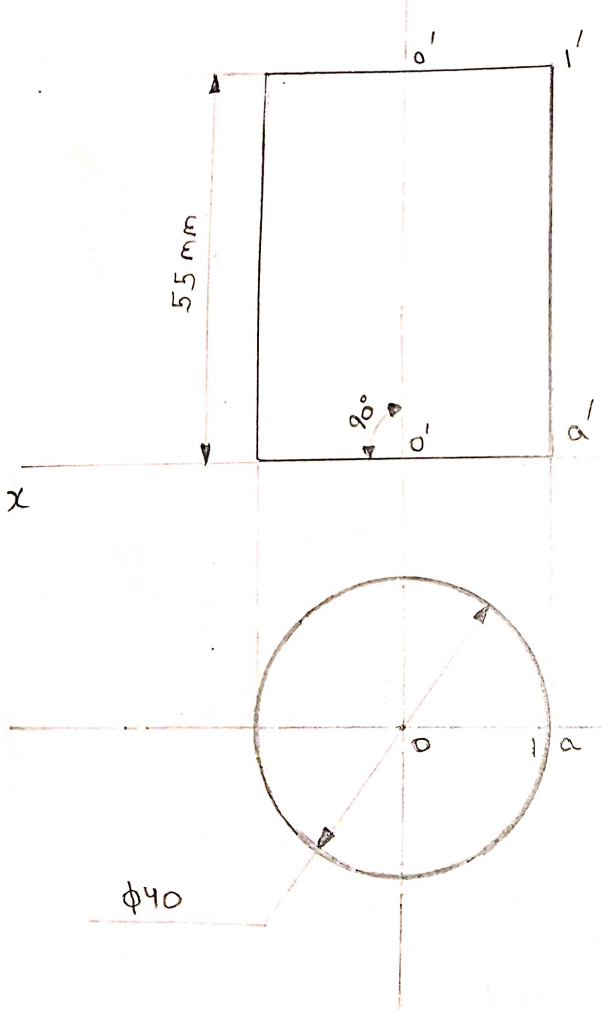
Q2. A hexagonal prism side of base 25 mm and axes 62 mm long lies on one of the rectangular faces on HP with its axis ⊥ to VP. Draw its projections when farther end of prism is 23 mm in front of VP.

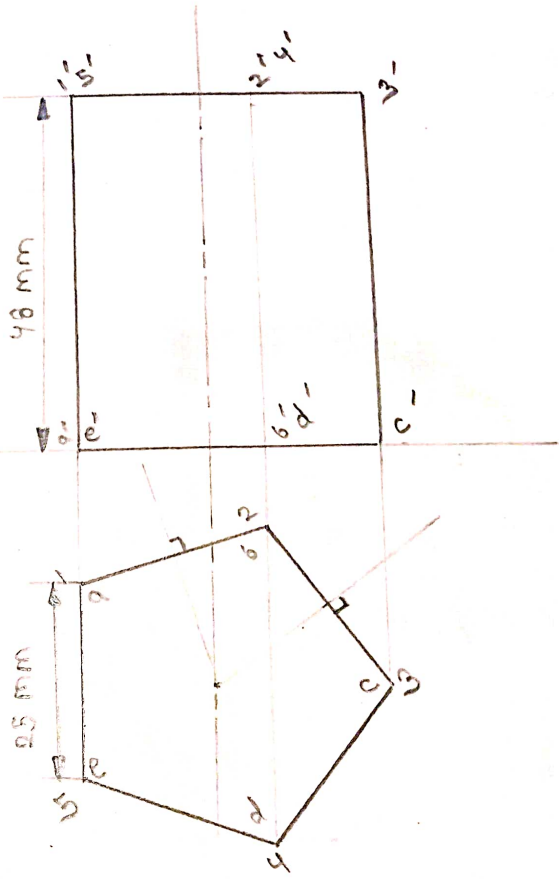
Q3. Draw the projection of a square pyramid side of base 30 mm and height 54 mm resting on its base on ground with one of its edge parallel to VP.

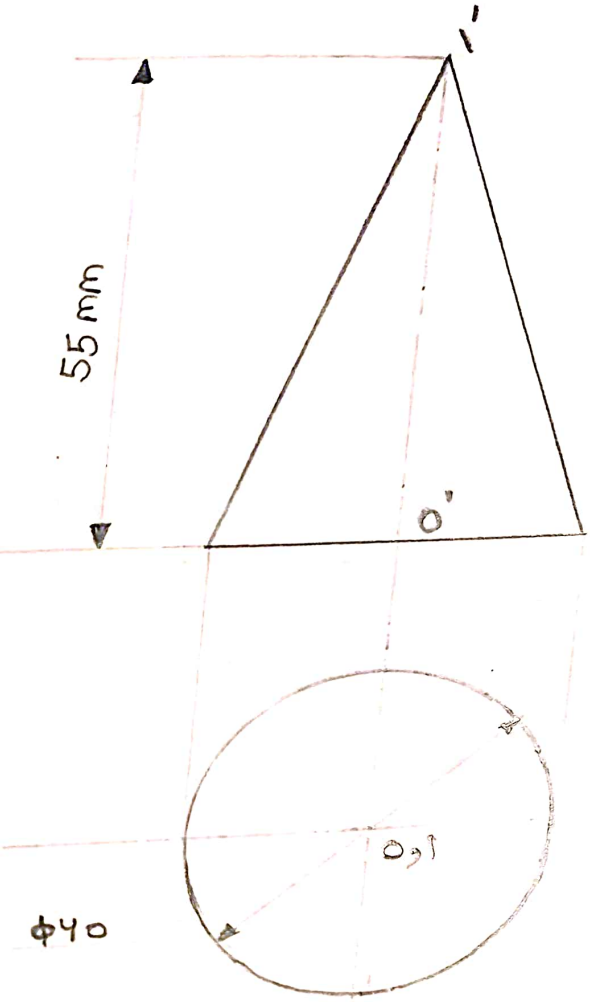
Q4. A right regular pentagonal pyramid, edge of base 25 mm and height 50 mm has its base ∥ to VP with one of its base edges in HP. Draw its projections

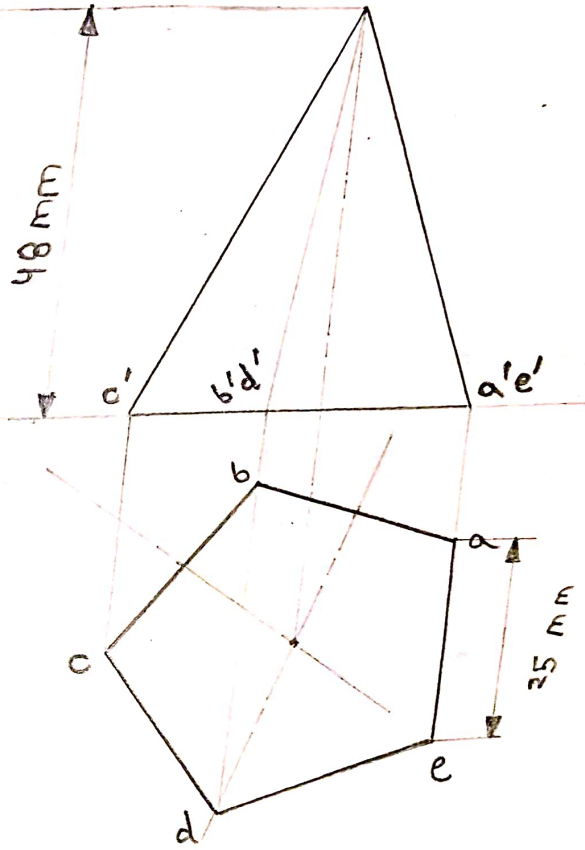
Q5. A right regular hexagonal prism edge of base 20mm and length 55 mm lies one of its rectangular faces such that axis is parallel to both HP and VP. Draw its projection when it is in I quadrant.

1.

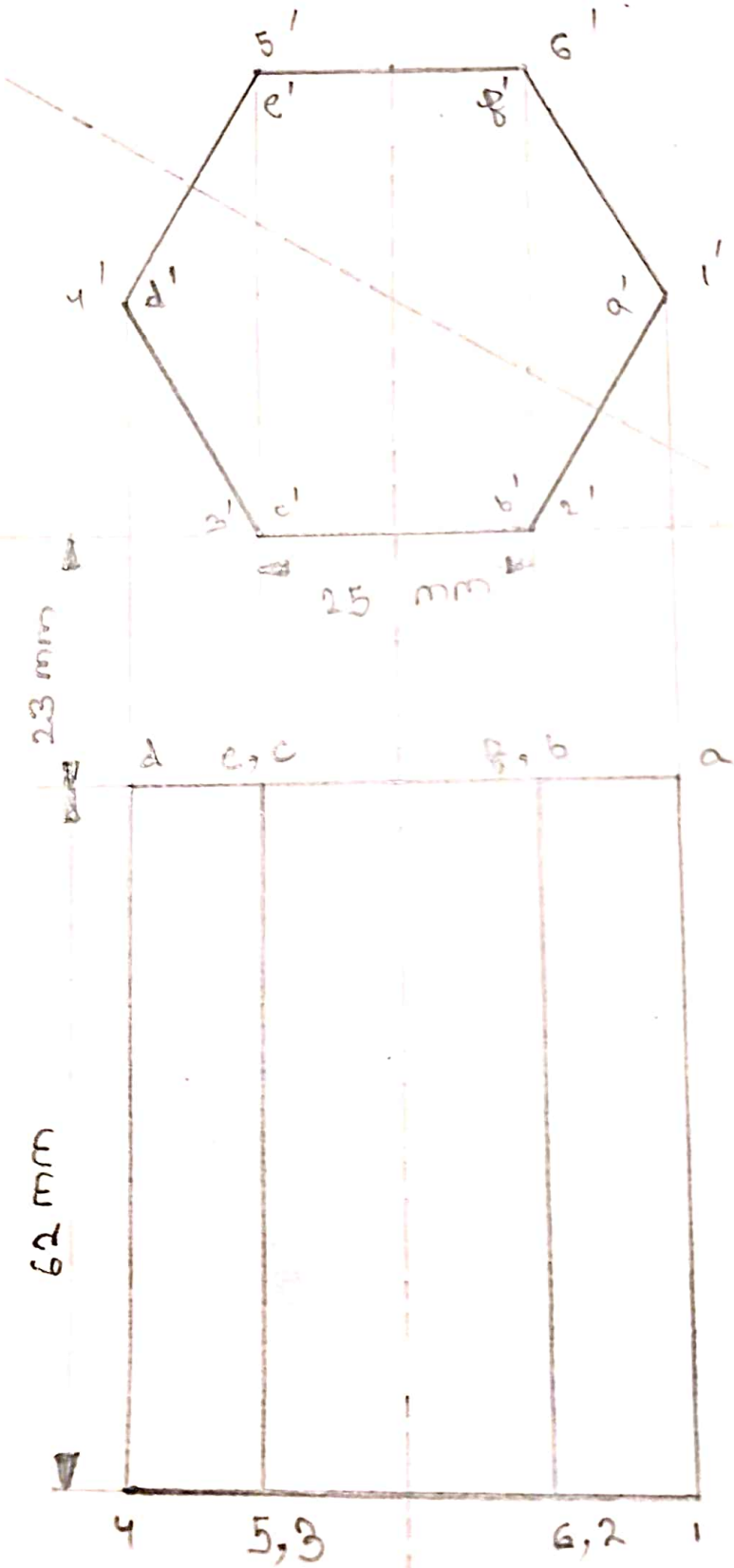




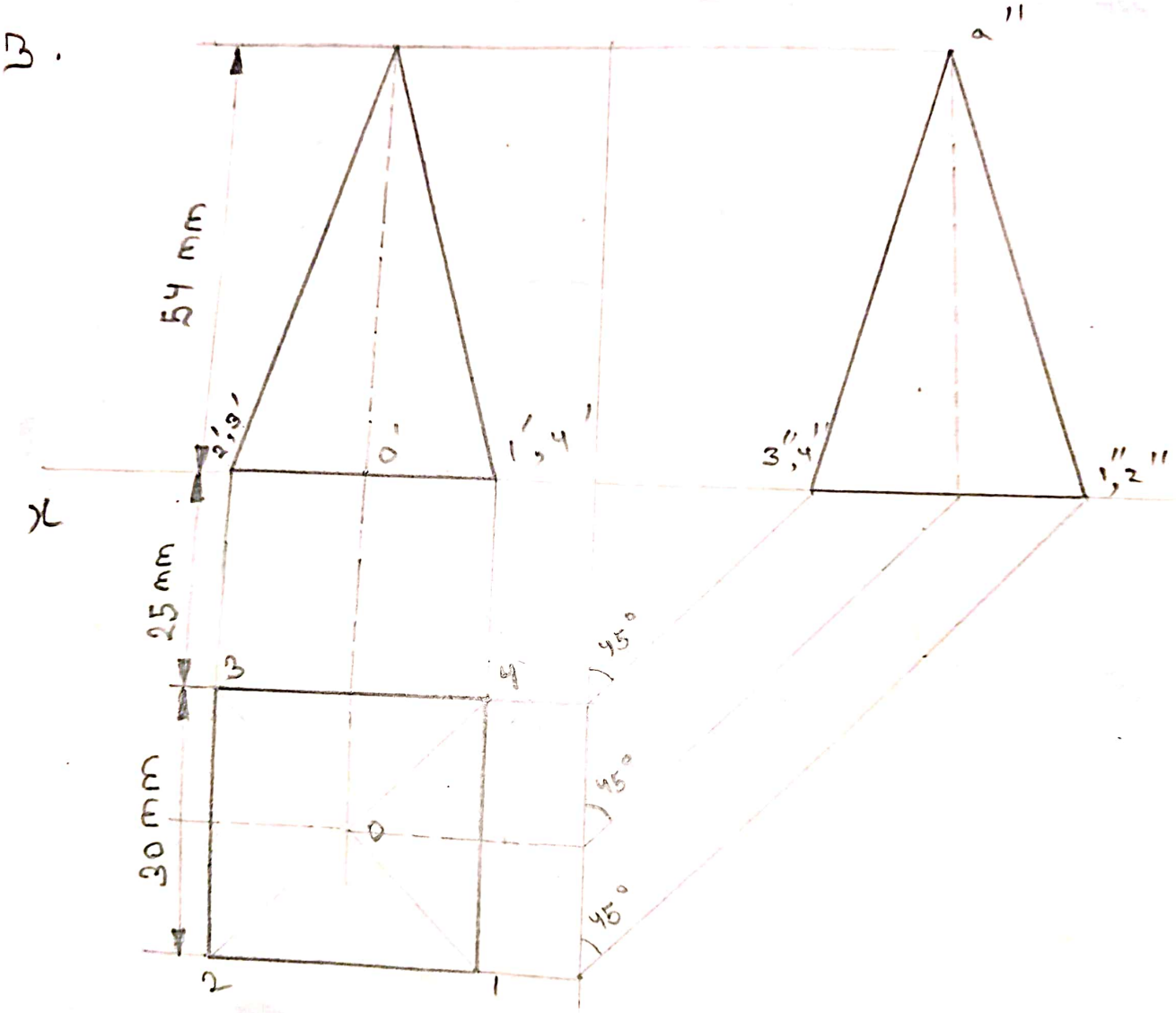

1'
55 mm
o'
o,1
Φ40


48 mm
c'
b'd'
a'e'
b
a
c
e
d
55 mm

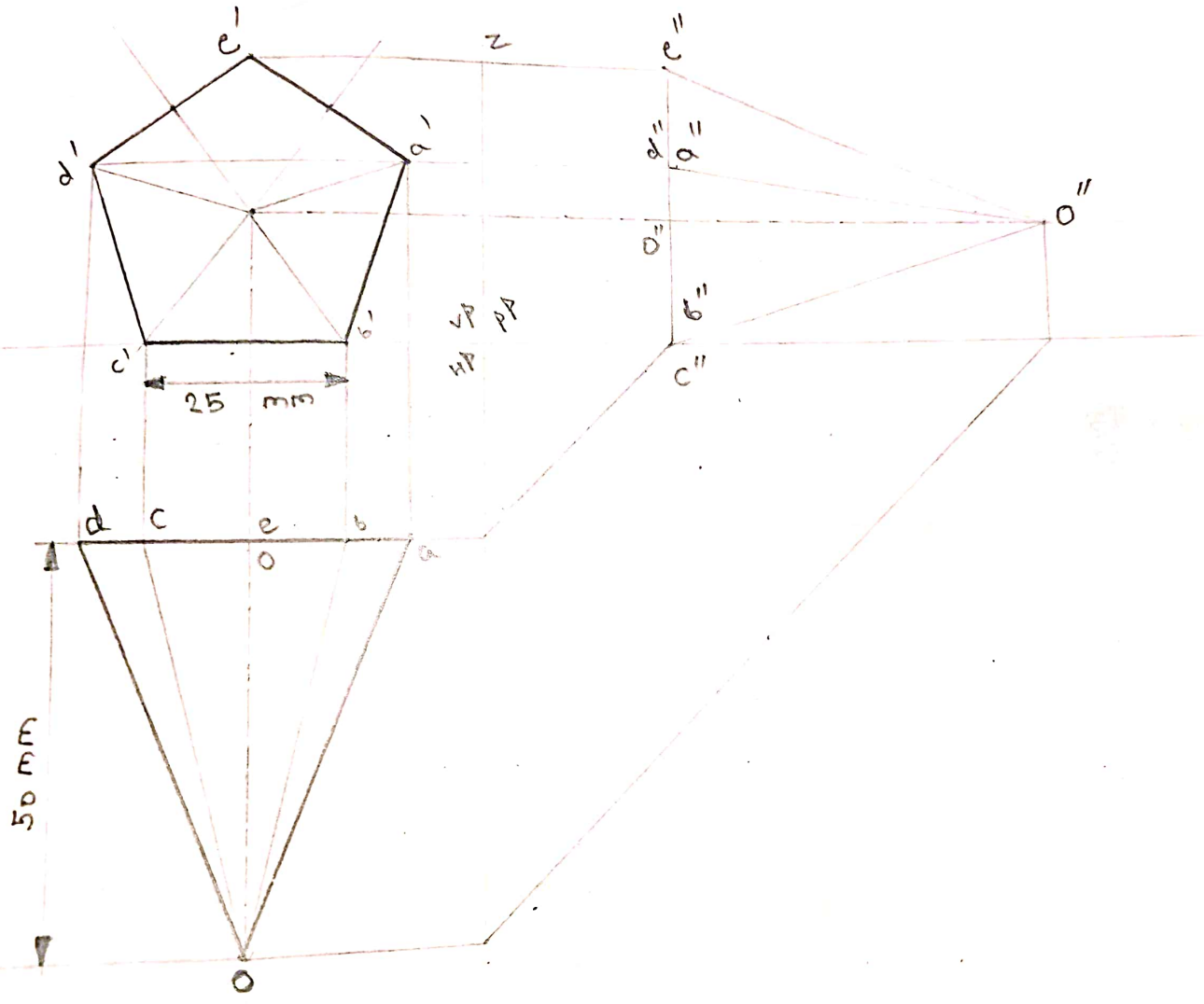
2.



B.



4.



5.