problem-1] in ppt.

T.L. = True length = 75 mm.

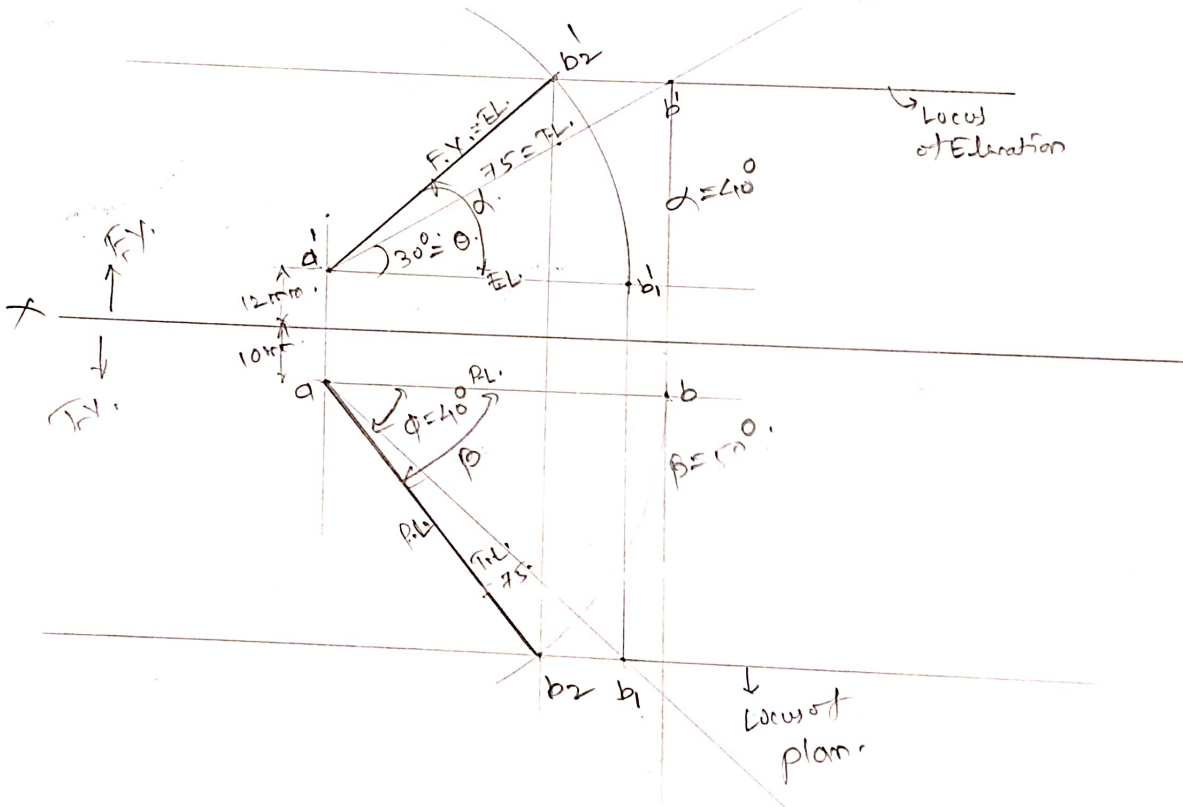
θ = Angle with H.P. = 30°

ϕ = Angle with V.P. = 40°

A ↑ HP = 12 mm.

A ↓ VP = 10 mm.

Ist quadrant.



2nd problem

problems-2]ppt.

AB = FL. = 75 mm.

$\phi = 45^0$

$\alpha = 55^0$

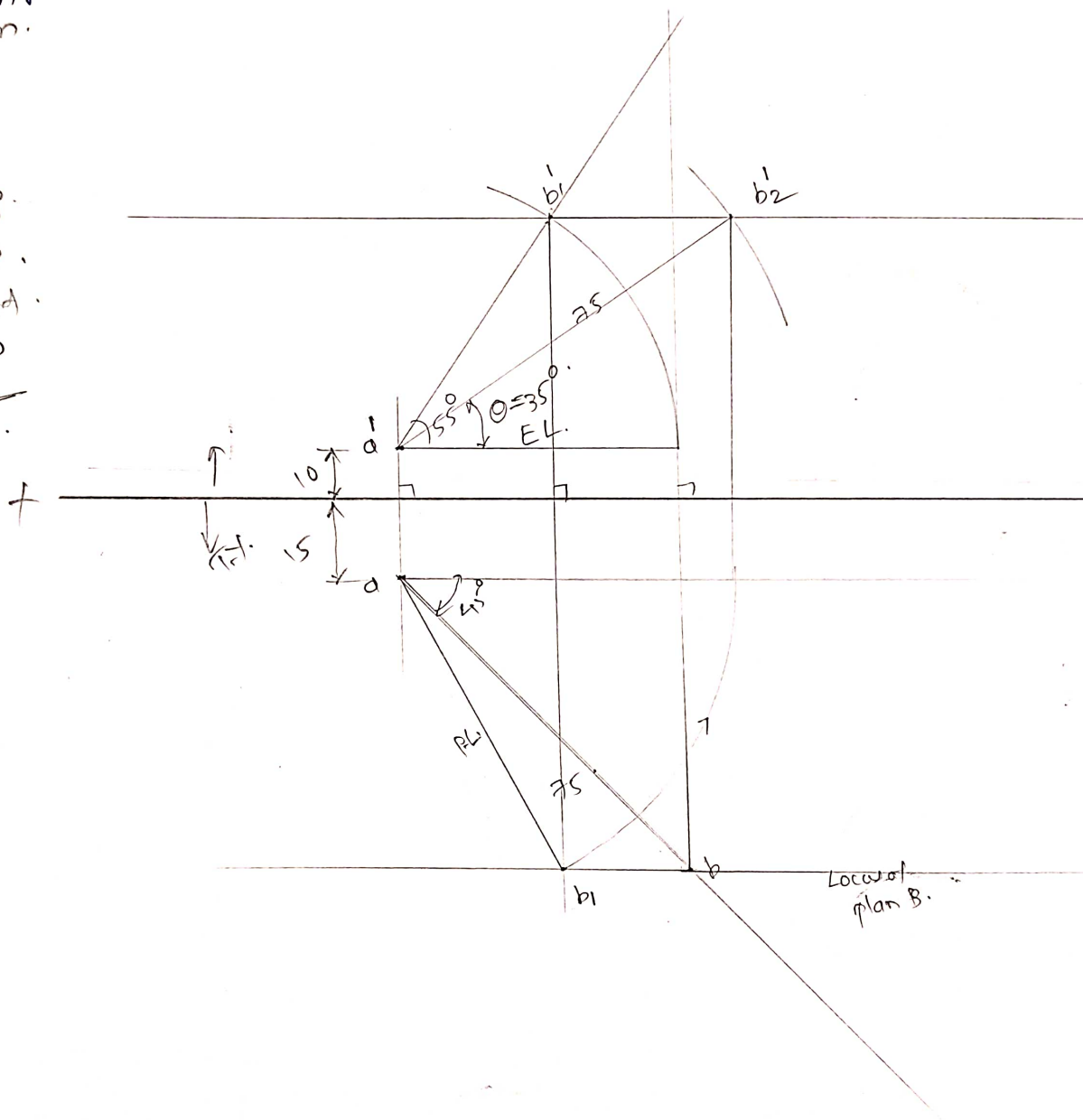
A ↑ 10 mm HP.

A ↓ 15 mm V.P.

IST quadrant.

$\theta = 35^0$

Ans.



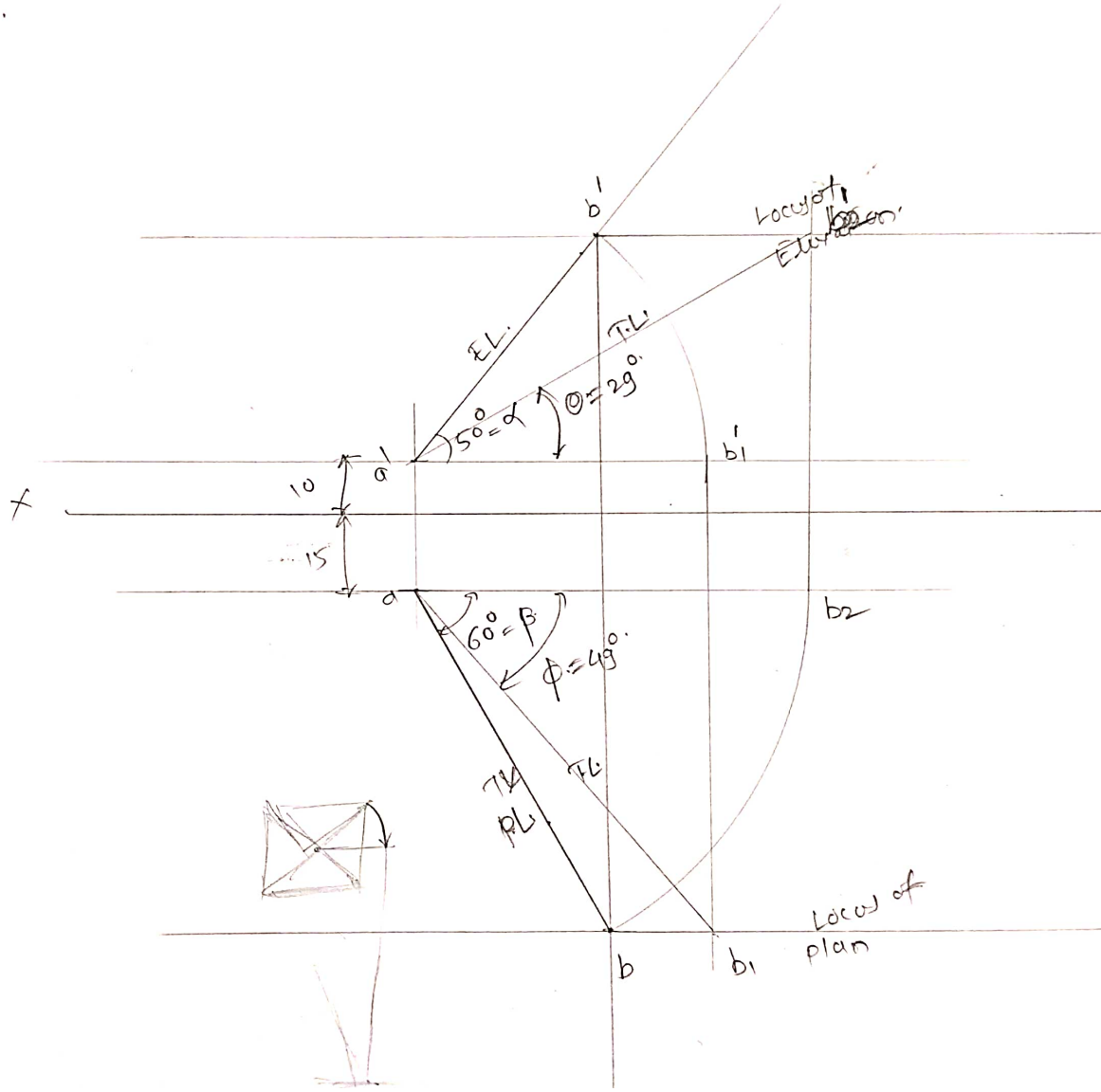
problem-3) ppl.

Given:

EL = FV = 55 mm.
$\alpha = 50^0$.
$\beta = 60^0$

A ↑ 10 mm HP.
A ↓ 15 mm VP.
TL, θ, ϕ = ?

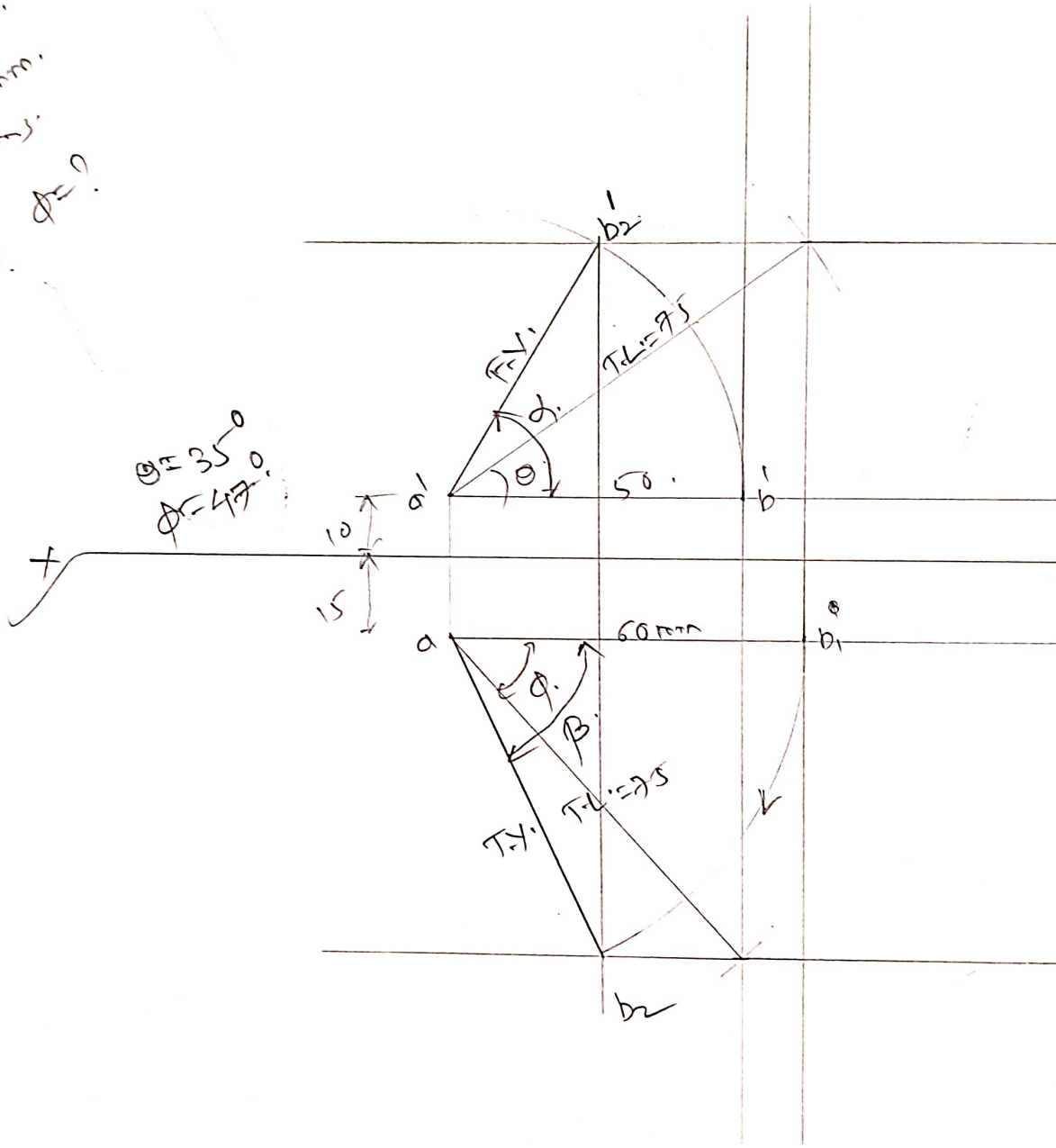
TL = 85 mm
$\theta = 29^0$
$\phi = 49^0$



problem-4) ppt:

T-L = 75 mm
EL = FV = 50 mm.
TV = PL = 60 mm.

A ↑ HP = 10 mm.
A ↓ VP = 15 mm.
Projections.
θ = ? ϕ = ?



Given

problem-5 ppt.

TL = 75 mm

PL = 50 mm

C ↑ HP (0 mm) 50 mm ↓ VP.

D ↑ ↓ XP = 15 mm

projection = ?

θ, ϕ.

ϕ = 29°

θ = 47°.