The Top view of a line is 60 mm. The inclination of the top view with XY line is 56°. A point A is 10 mm above HP and 20 mm in front of VP. Point B is 45 mm above HP and in front of VP. Draw the projections of line AB.

Given data: TV = ab = 60 = TVL = ab_1
a' ↑ HP = 10, a ↓ HP = 20, b' ↑ HP = 45, b ↓ HP

b' b_1' LOCUS OF b'

FV = 49   TL = 69

a'   30° b_2'

10   45

$\theta = 30^0$
$\phi = 46^0$
TL = 69

X ——————————————————— Y

20

a b_1

56°   46°

TL   TV = 60

LOCUS OF b

b b_2