Danc :
$$\frac{\sin \hat{\beta}}{\cos \hat{\beta}} = 1$$

=>
$$\hat{B} = \hat{c} = 45^{\circ}$$

Trisngle isocèle

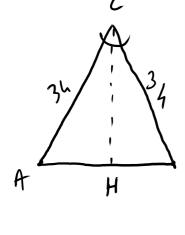
$$\hat{A} = \operatorname{arc} \operatorname{gir} \left(\frac{15}{53} \right) = 9.28^{\circ}$$

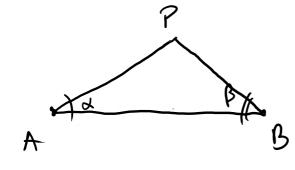
$$AD = 2x$$

$$x \qquad AD = 2x$$

$$x \qquad x = 7 \times \sin 50^{\circ}$$

Done AD = 14 x 51 x 50° = 10,72 m





$$AB = 100 \text{ m}$$
 $AB = 60^{\circ}$

a)
$$\alpha + \beta + \hat{P} = 180^{\circ}$$

$$30^{\circ} + 60^{\circ} + \hat{P} = 180^{\circ}$$

$$\hat{P} = 180^{\circ} - 30^{\circ} - 60^{\circ} = 90^{\circ}$$

Durc le triangle ABP extrectangle

Alors AP = AB cos x = AB sin B = 86,6 m