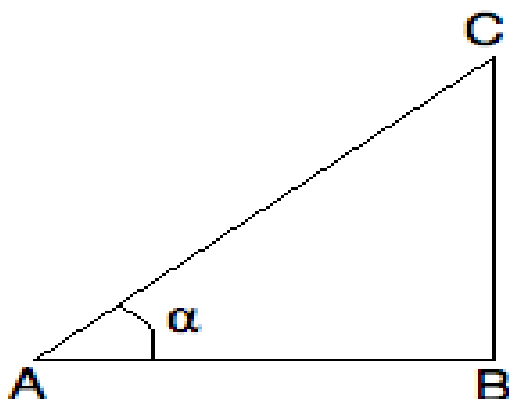


1° ESERCIZIO

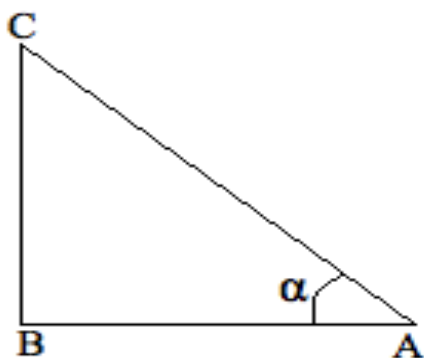


$$\begin{aligned}\alpha &= 20^\circ \\ AC &= 10 \text{ m} \\ CB &= ?\end{aligned}$$

SOLUZIONE:

$$\begin{aligned}CB &= AC * \sin \alpha \\ &= 10 * \sin 20 \\ &= 3,4\end{aligned}$$

2° ESERCIZIO

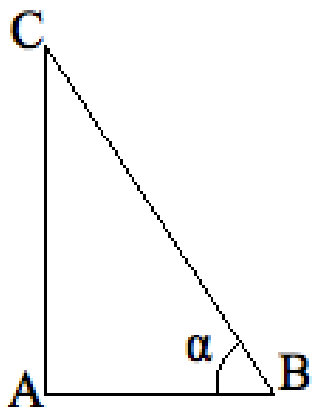


$$\begin{aligned}\alpha &= 40^\circ \\ BA &= 4 \text{ m} \\ CA &= ?\end{aligned}$$

SOLUZIONE:

$$CA = \frac{BA}{\cos \alpha} = \frac{4}{\cos 40} = 5,22 \text{ m}$$

3° ESERCIZIO



$$\begin{aligned}AB &= 12 \text{ m} \\ \alpha &= 50^\circ \\ AC &= ?\end{aligned}$$

SOLUZIONE:

$$\begin{aligned}AC &= AB * \tan \alpha \\ &= 12 * \tan 50 \\ &= 14,30 \text{ m}\end{aligned}$$