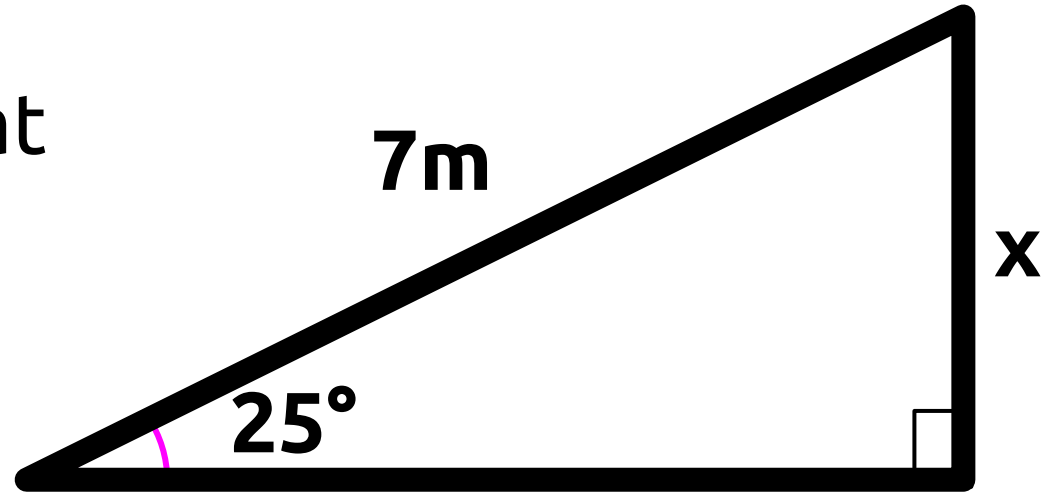
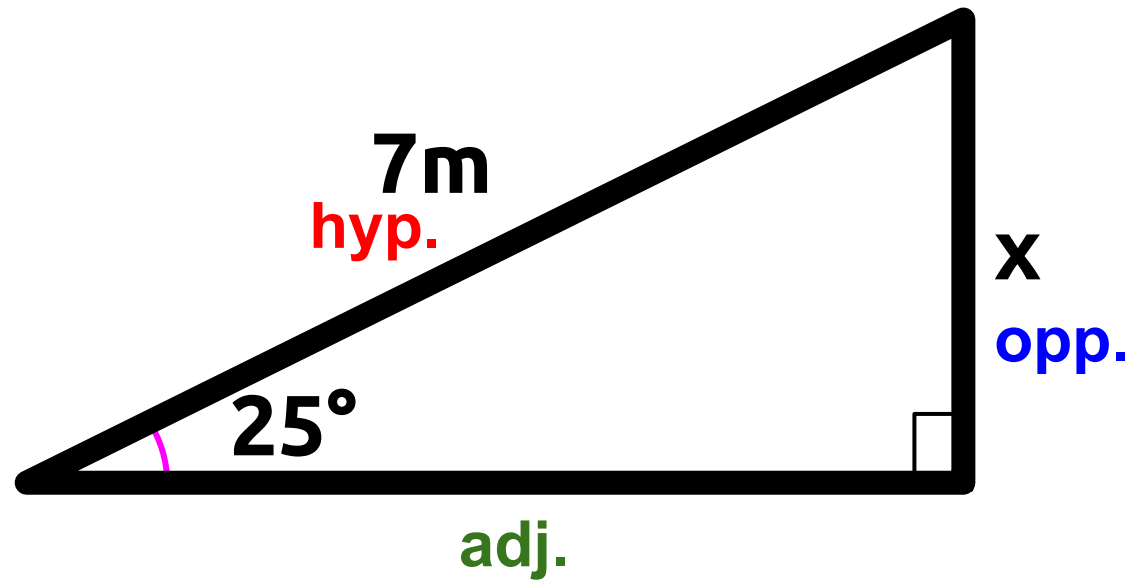


1) Orient yourself at an angle that you know the value of.

In this example stand at the 25° angle



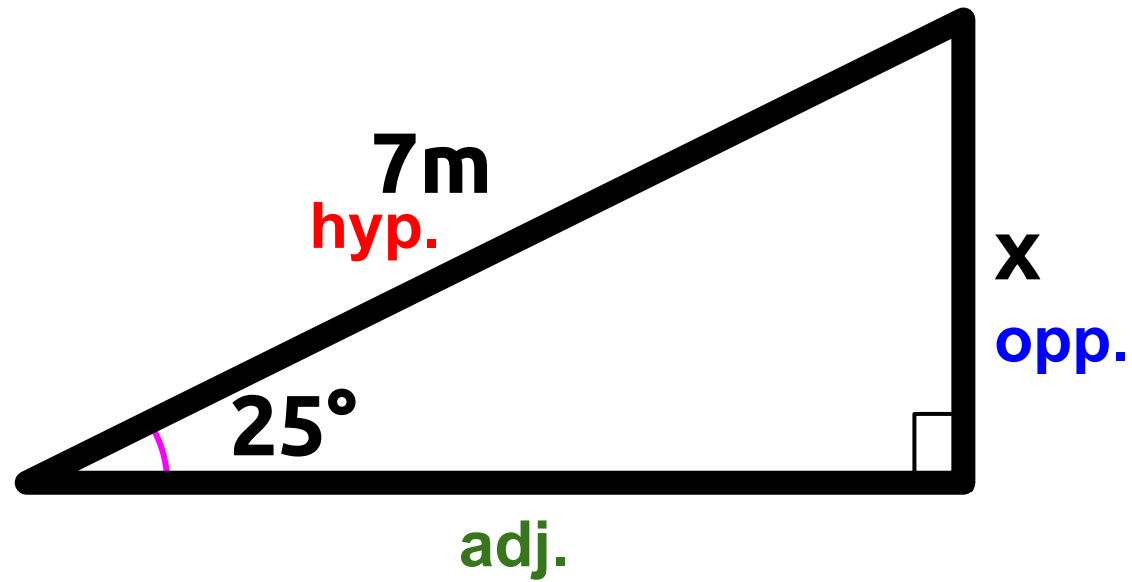
2) Choose a trig function that includes the side you are looking for and a side you already know.



In this example we need to use SIN

S O H
C A H
T O A

3) Create an equation.

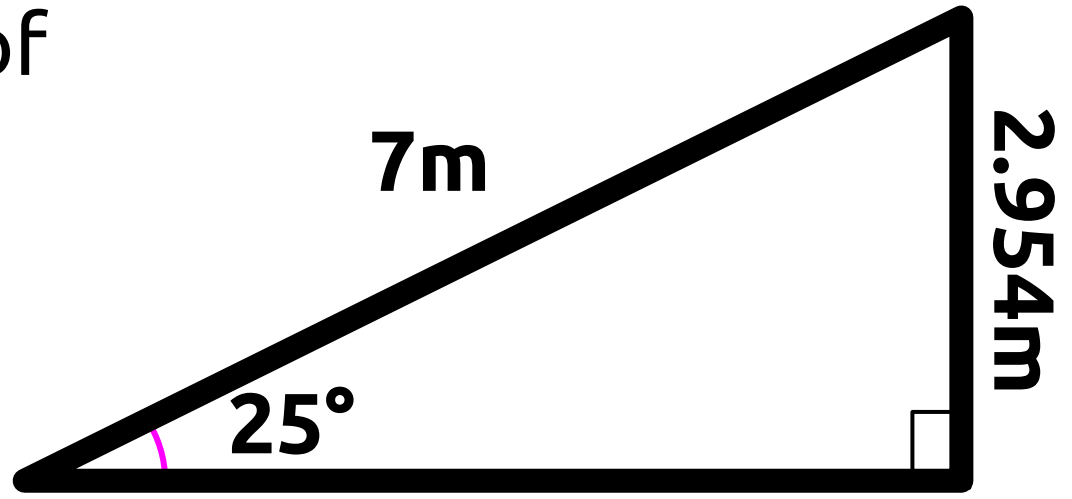


In this example...

$$\sin(25^\circ) = \text{opp} / \text{hyp}$$

$$\sin(25^\circ) = x / 7$$

4) Use a trig table of values and algebra to solve the equation.



In this example...

$$\sin(25^\circ) = x/7$$

$$0.422 = x/7$$

$$0.422 \cdot 7 = x$$

$$2.954 = x$$