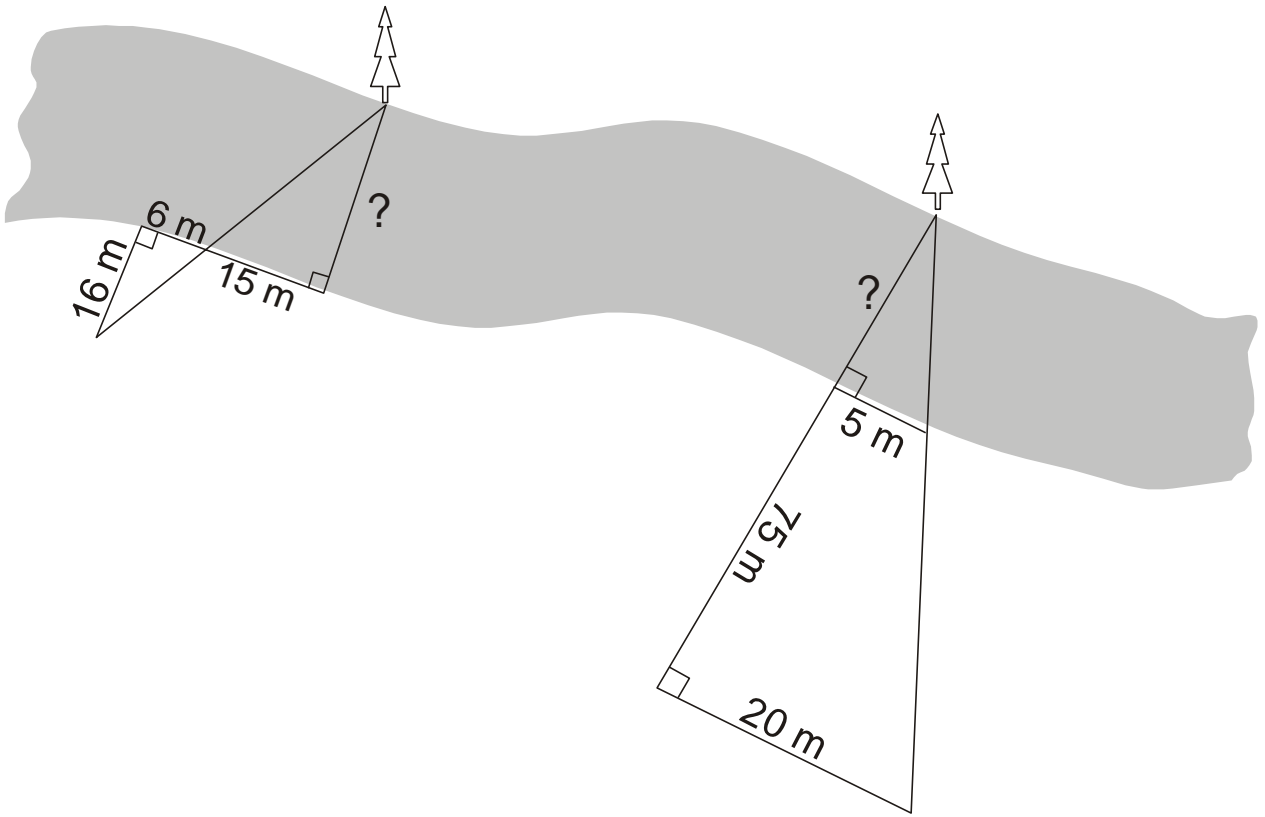
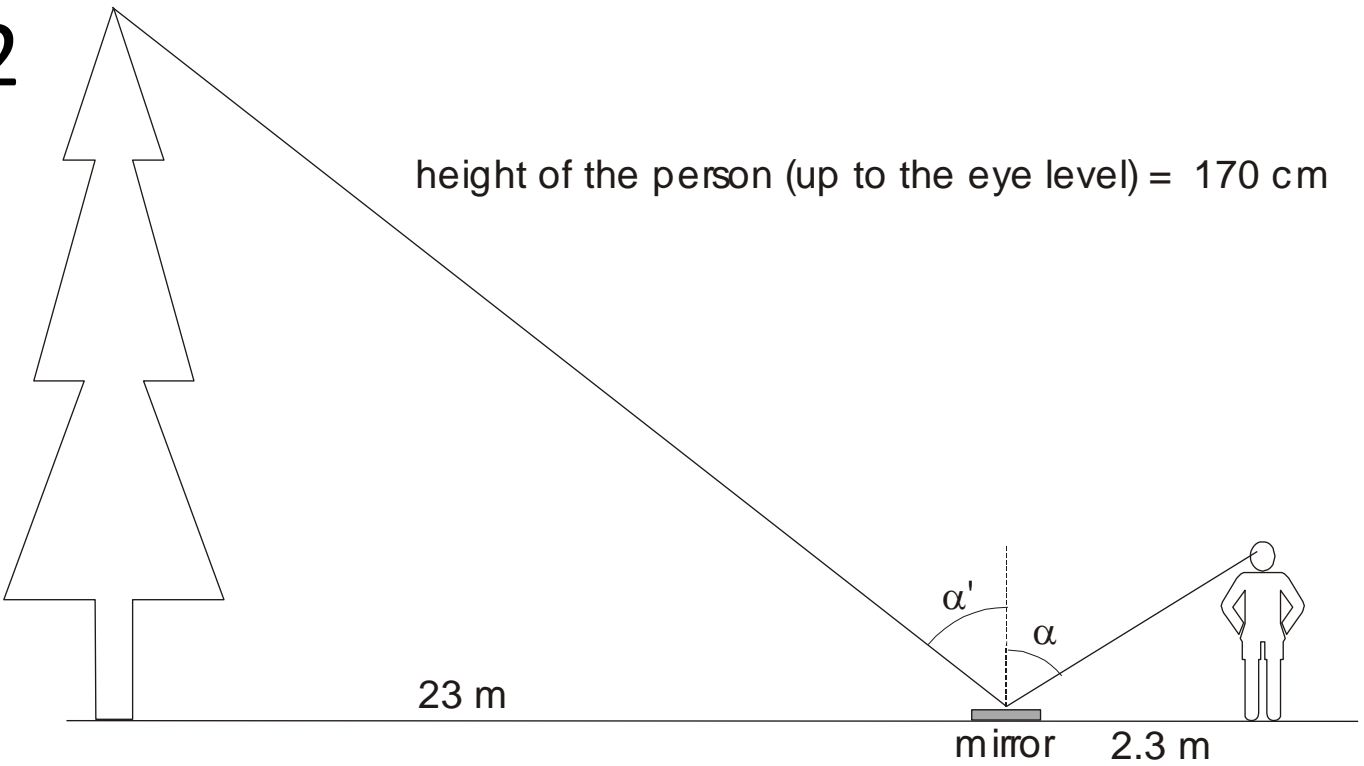


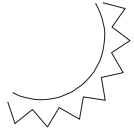
1



2

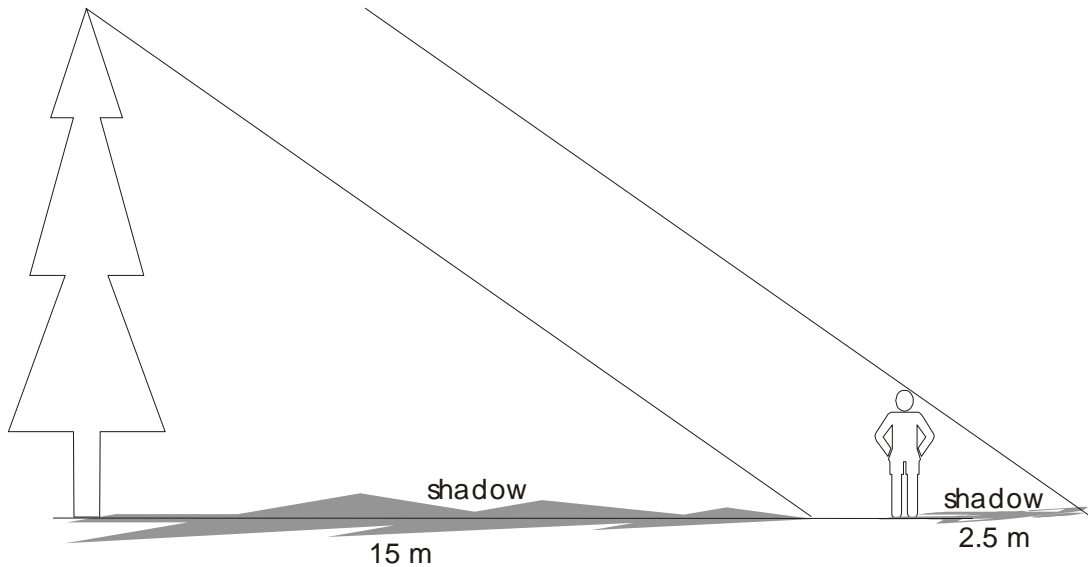


Hint: $\alpha = \alpha'$



height of the person = 170 cm

3



Hint: Sun rays are parallel.

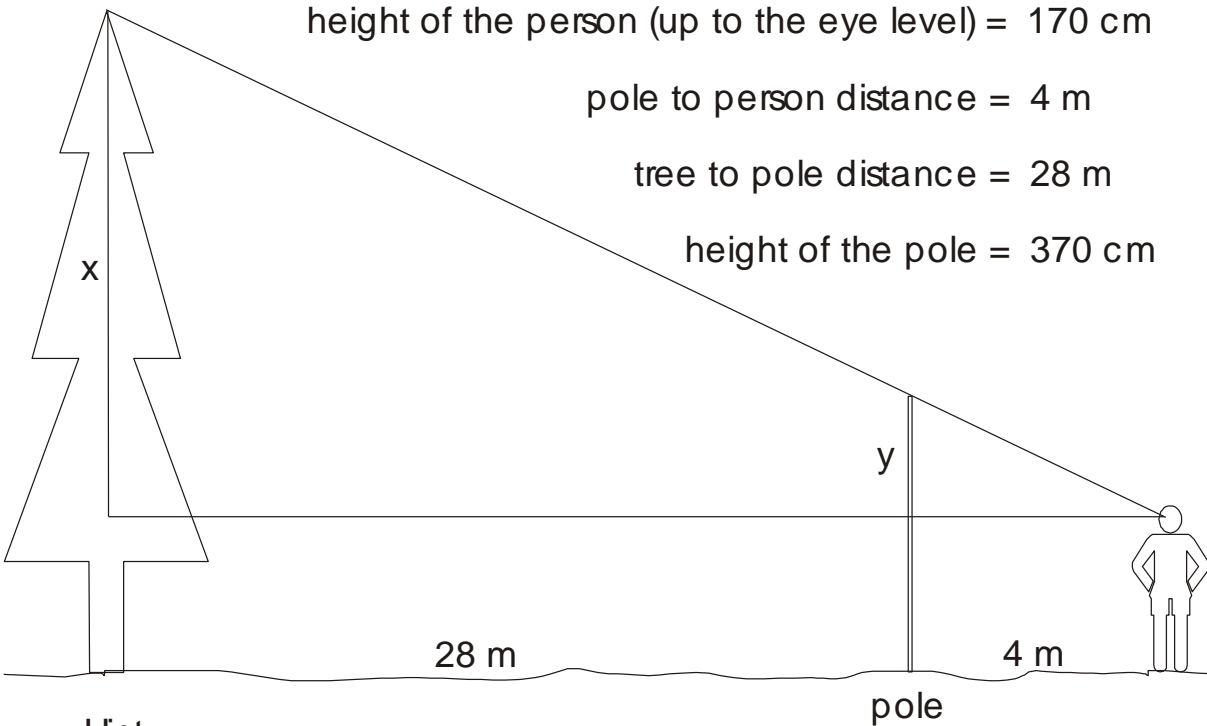
4

height of the person (up to the eye level) = 170 cm

pole to person distance = 4 m

tree to pole distance = 28 m

height of the pole = 370 cm



Hint: Find y and then x . Add the person's height to x to find the height of the tree.