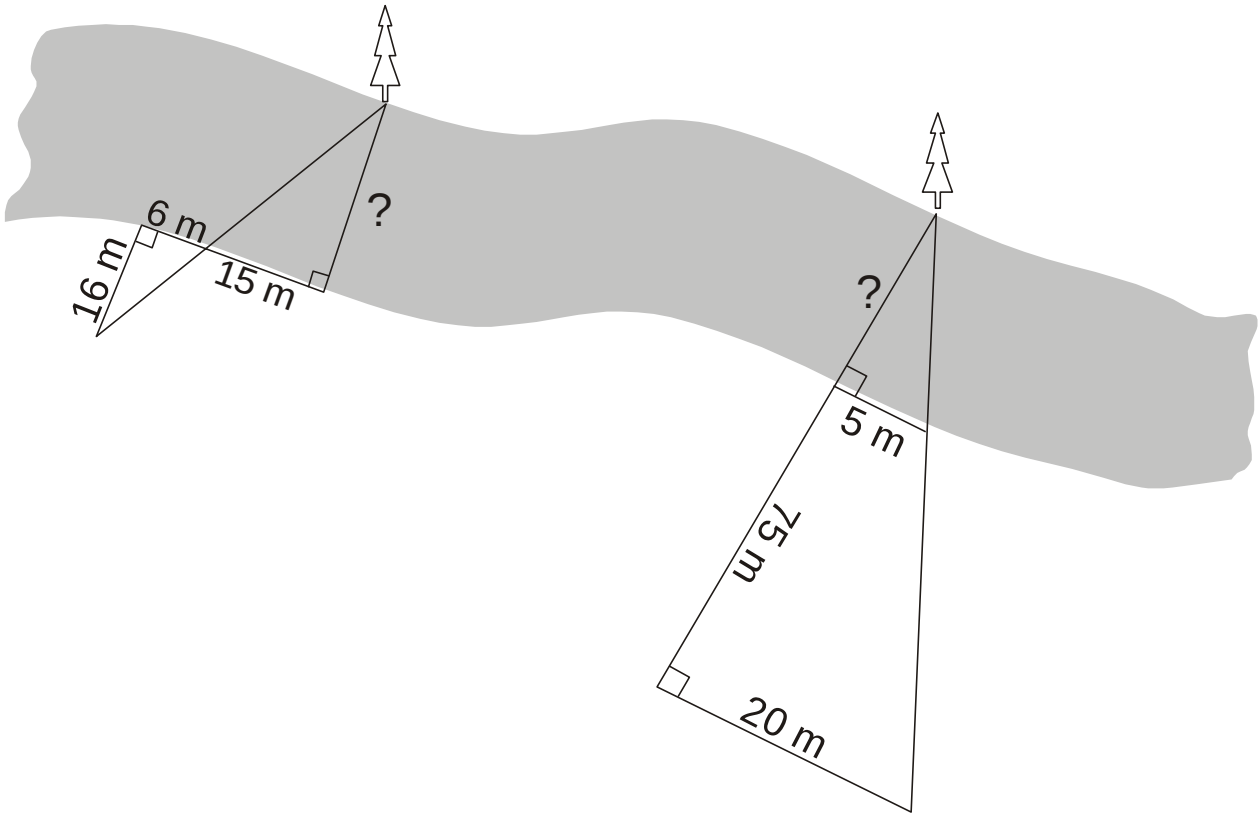
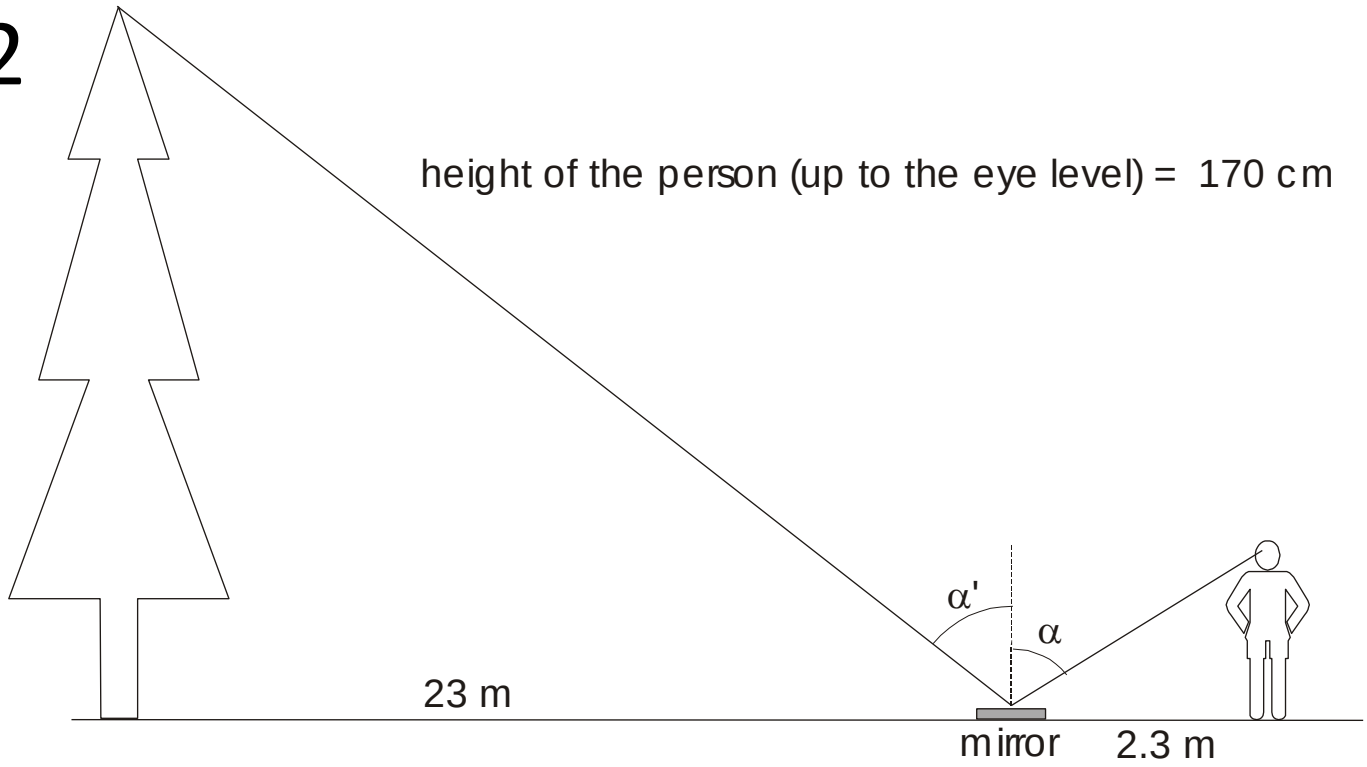
1

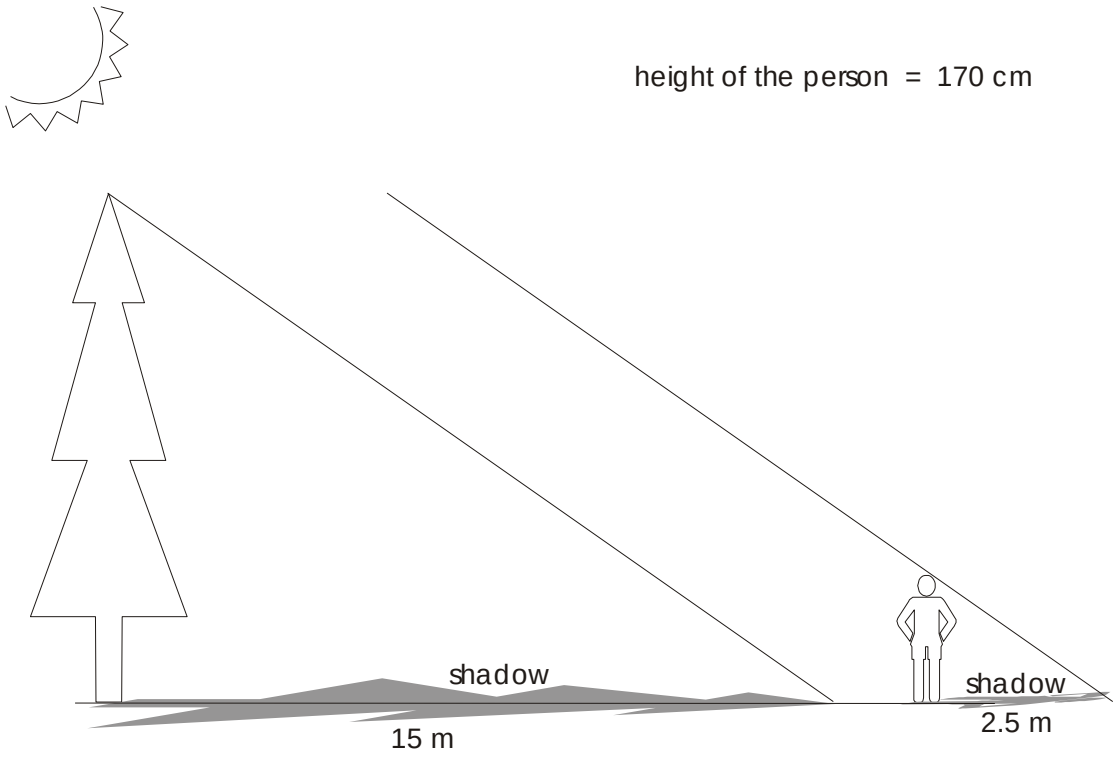


2



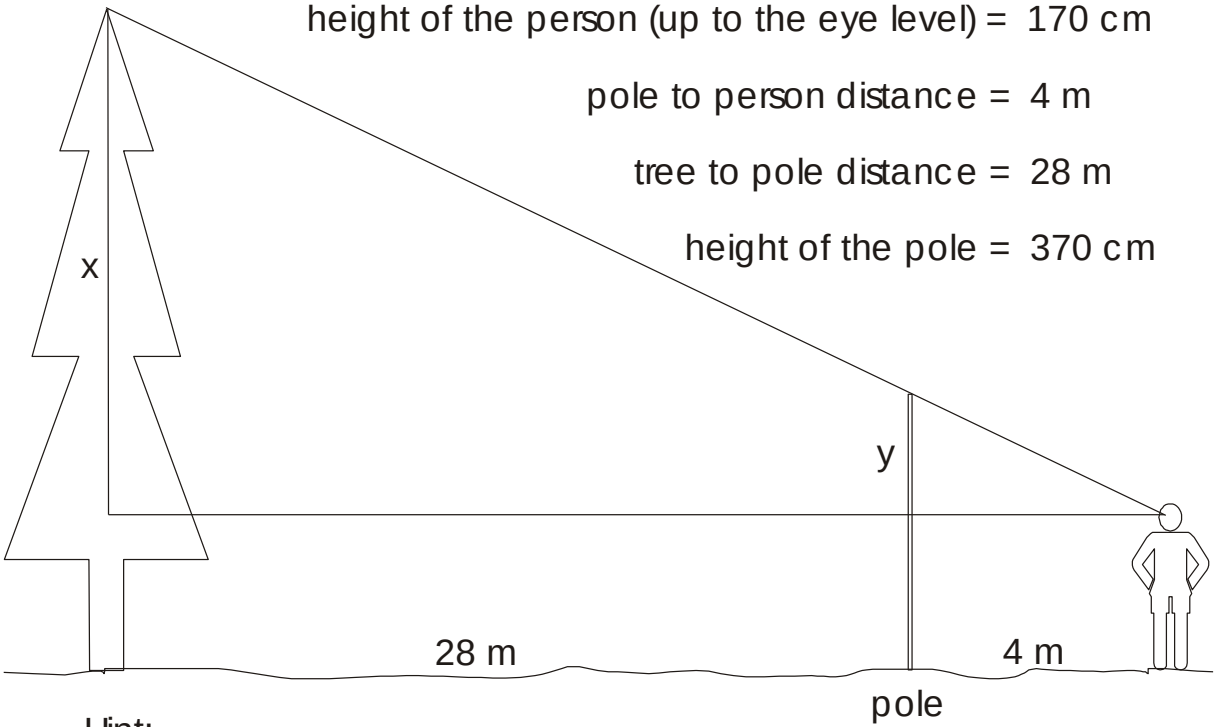
Hint: $\alpha = \alpha'$

3



Hint: *Sun rays are parallel.*

4



Hint:

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