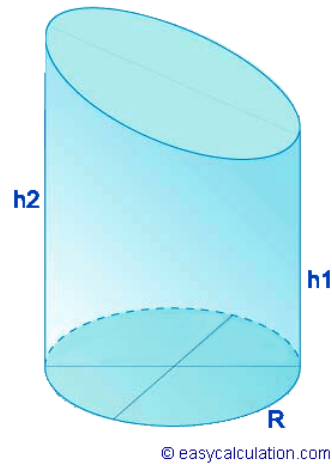


## DRAWING FOR ADDITIONAL EXERCISE 4.3

(more accurately, the second exercise number 3)



(Source: <https://www.easycalculation.com/shapes/total-surface-area-of-right-circular-cylinder.php>)

In this exercise the goal is to show that the top surface of the solid is an ellipse. The slope  $m$  in the problem is equal to  $(h2 - h1)/2R$ .