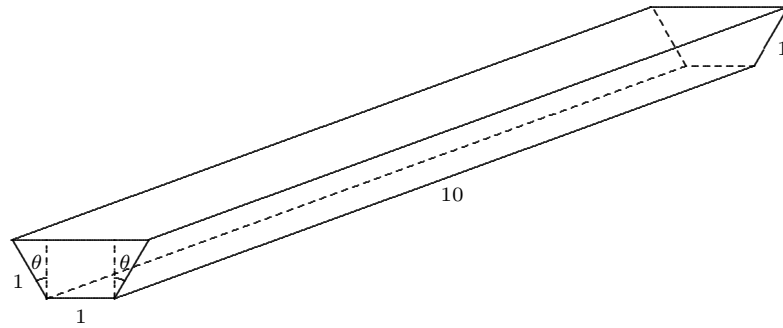


Extra problem for assignment 28

As in exercise 6.2.13, a trough has trapezoidal ends and is 10 meters long. Find the value of  $\theta$  that maximizes the volume of the trough.



Answer:  $\theta = \pi/3$