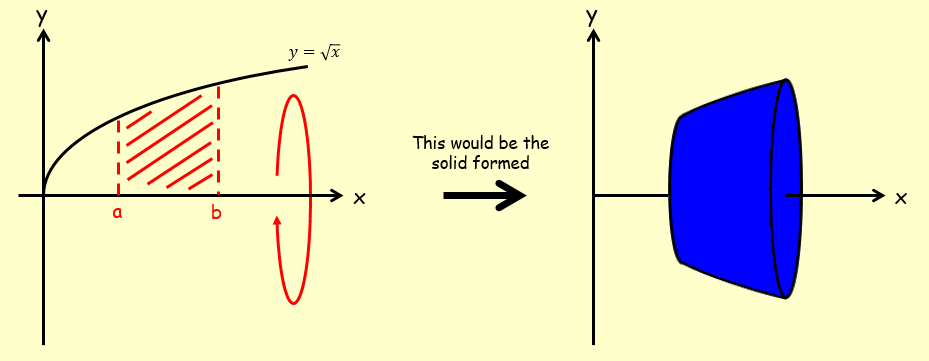
**5A Rotations Around the x-axis**



1. The diagram shows the region which is bounded by the x-axis, the y-axis and the curve with equation .

The region is rotated through 360˚ about the x-axis.

Find the exact volume of the solid generated.

