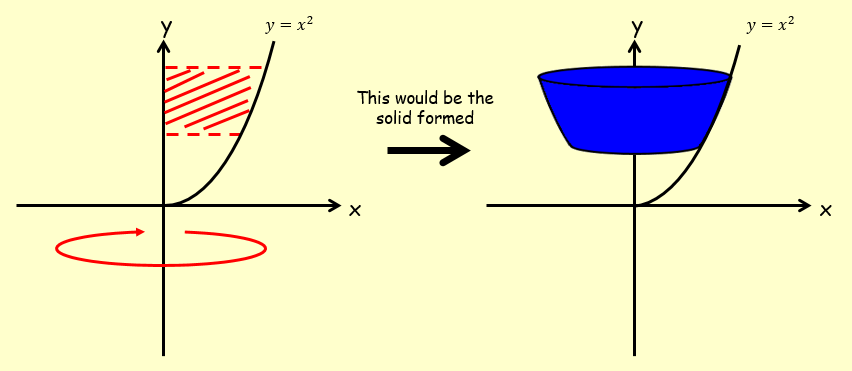
**5B Rotations Around the y-axis**



1. The diagram shows the curve with equation .

The region R is bounded by the curve, the y axis and the lines and .

The region is rotated 360˚ about the y axis.

Find the volume of the solid generated.

