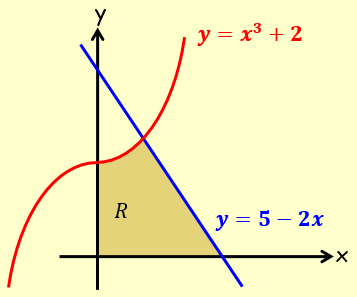
**5C Composite Volumes of Revolution**

Cylinder =

Cone =

1. The region R is bounded by the curve with equation , the line , and the x and y axes.
2. Verify that the coordinates of A are (1,3)



1. A solid is created by rotating the region 360˚ about the x-axis. Find the volume of this solid
2. The diagram shows the region R bounded by the curves with equations:

and and the line .

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

Find the exact volume of the solid generated.

