

A Trumpet

Here is the problem from an old exam which we are visualizing in this print...

- (b) Find the volume of the solid (trumpet) that lies under the plane $z = 20$, above the plane $z = 1$, and inside the surface $z = \frac{1}{\sqrt{x^2 + y^2}}$.

Go ahead and give it a shot. Then ask your own volume questions.