The shape pictured below is formed by rotating $x = y^2$, from $0 \leq y \leq 2$, around the axis $y = 2$.

Communicate a slicing strategy that could be used to find the volume of the shape. At a minimum you must:

- State your axis of integration.
- Draw a typical slice as a stand-alone 3-D picture
- Label your 3-D picture appropriately.
- Draw a 2-D picture of the $x$-$y$ cross-section of the shape, in which your slice is clearly located.
- Label your 2-D picture consistently with the labeling of your 3-D picture.

Get feedback on your pictures and labels. Then answer WebAssign questions 7–12.