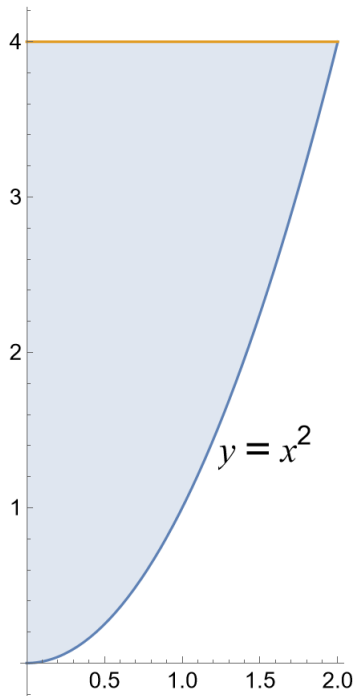


Quiz 1
9/11/2023

1. Find the area of the shaded region.



2. Find the volume of the solid obtained by rotating the shaded region about the y -axis (the vertical axis).