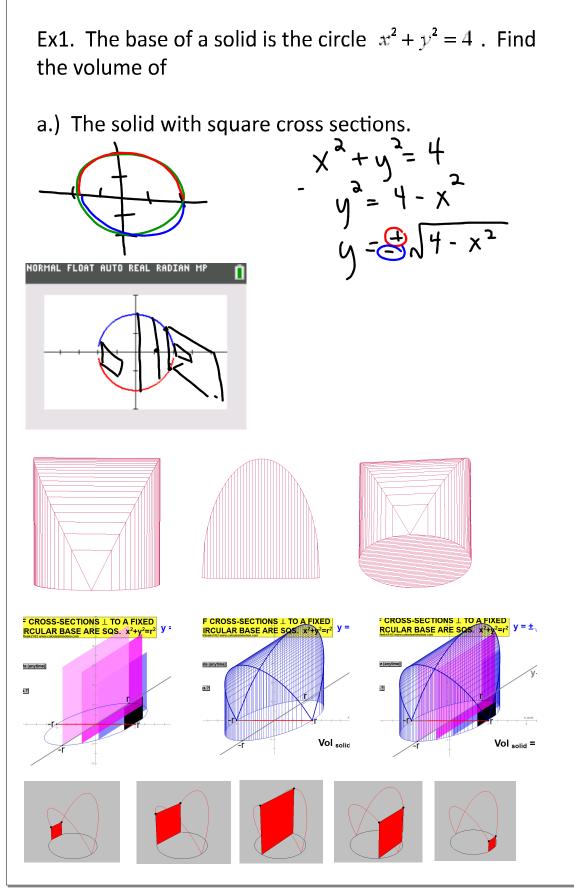
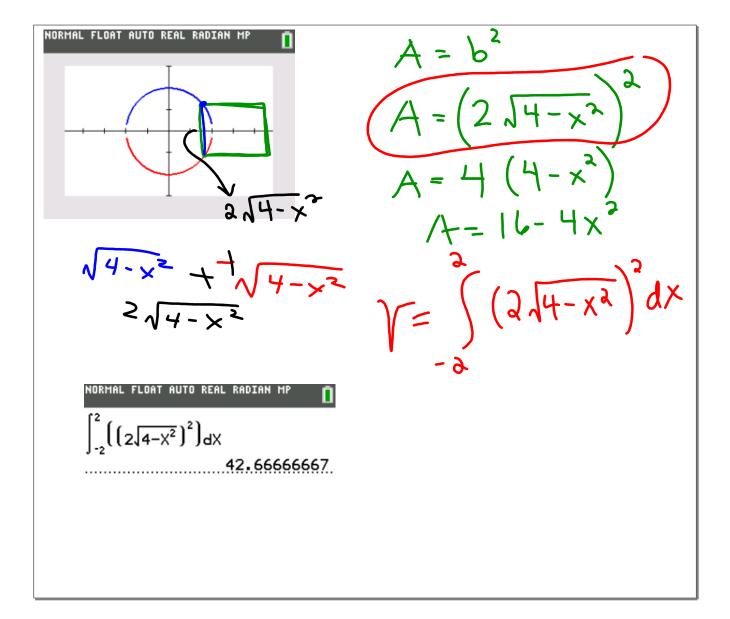
7-3 Day 4 Volume : Cross Sections

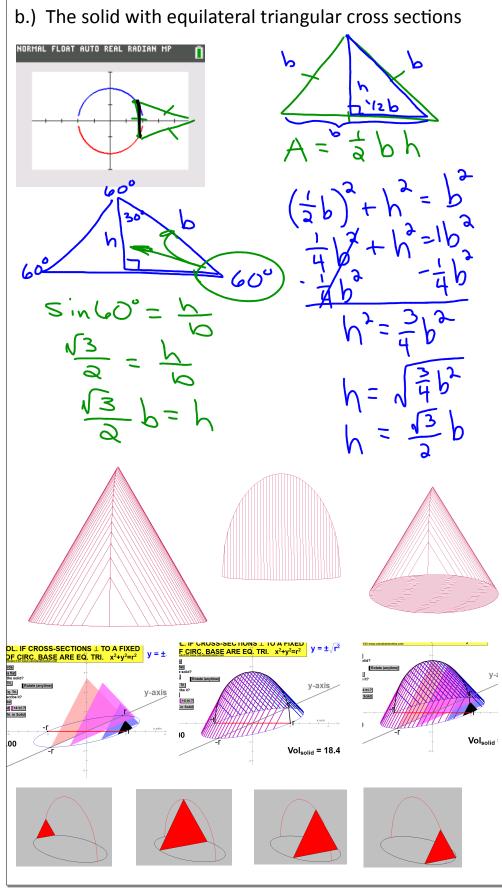
Learning Targets

I find the volume of a solid that has been using the cross sections on base method.

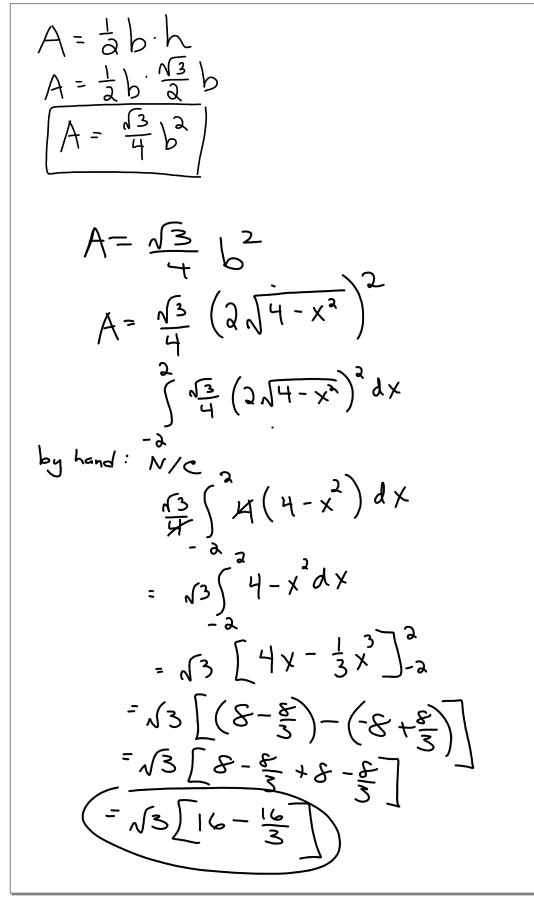


Jan 7-8:47 AM

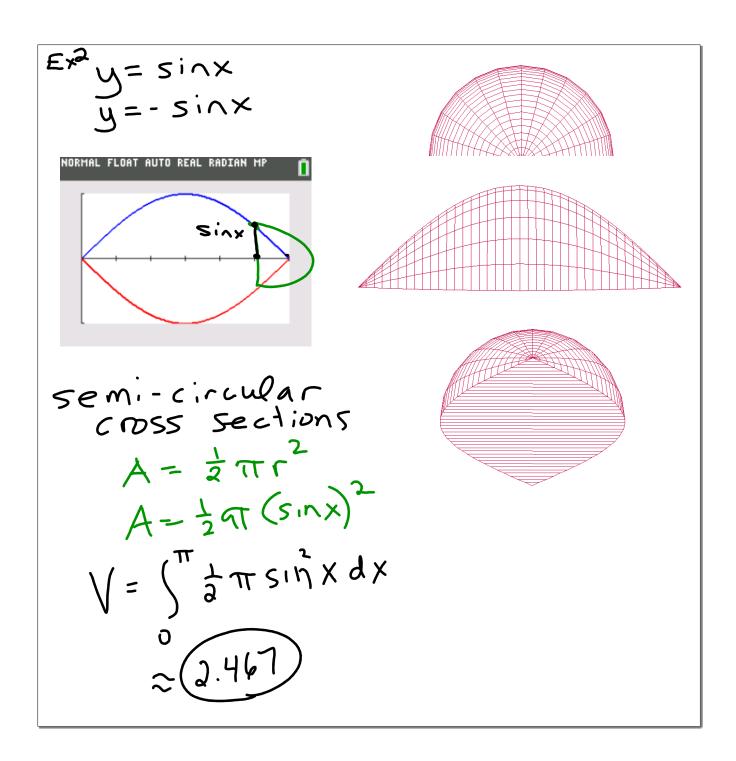


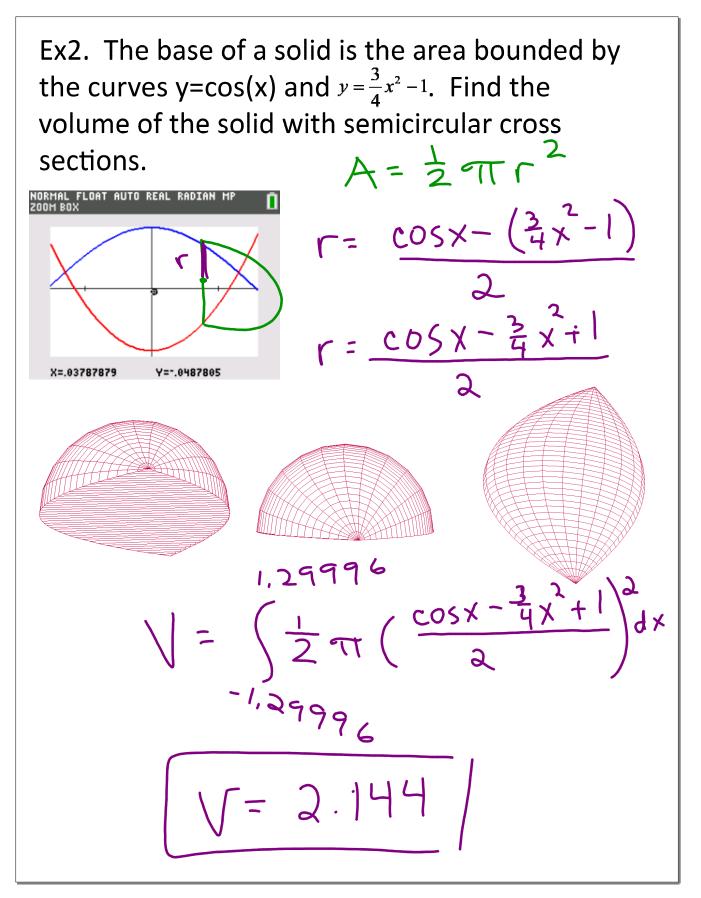


Jan 7-8:50 AM



Jan 22-12:34 PM

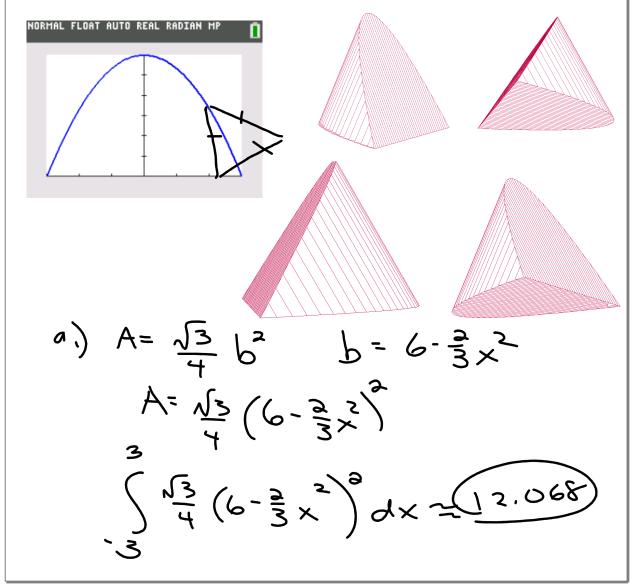


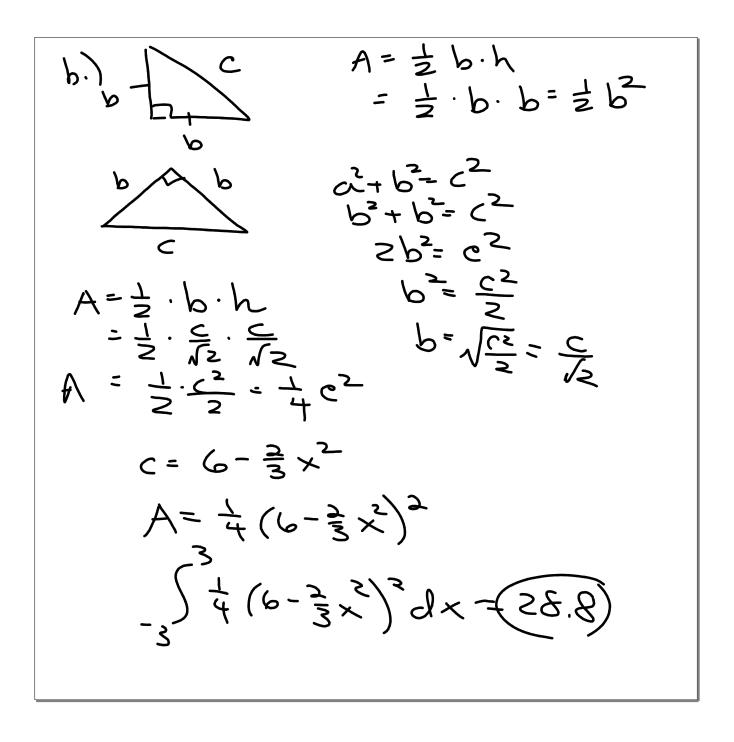


Ex4. The base of a solid is the area bounded by the curve $f(x) = 6 - \frac{2}{3}x^2$ and the x-axis. Find the volume of the solid with:

a.) Equilateral Triangular Cross Sections

b.) Isosceles Right Triangular Cross Sections (with the hypotenuse on the base).





Homework

p. 406 #1-6, 39-42, 63-68