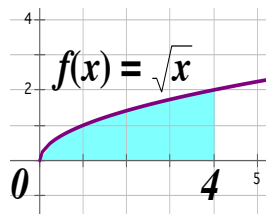


CALCULUS AB 7.1 HW#2

Name _____

- 1) Find Area of enclosed region between the graph of $f(x) = \sqrt{x}$ and x -axis from $[0,4]$.

(Set up and use calculator)

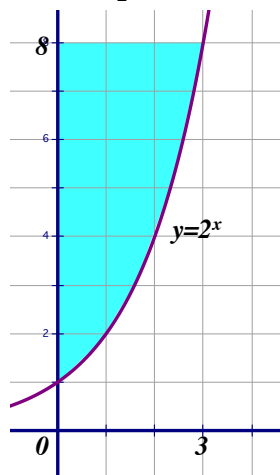


a) vertical cross sections

b) horizontal cross sections

- 2) Find Area of enclosed region between the graph of $y = 2^x$, $y = 8$ and y -axis.

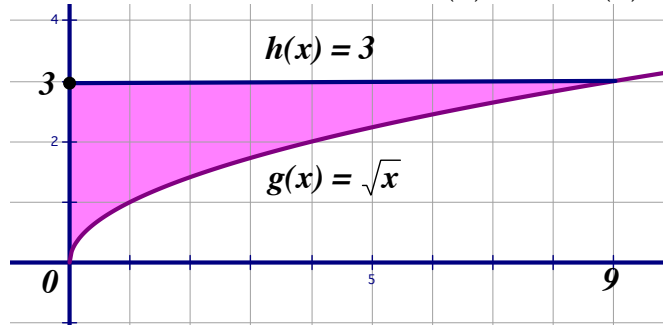
(Set up and use calculator)



a) vertical cross sections

b) horizontal cross sections

3) Find Area of enclosed region between the graph of $g(x) = \sqrt{x}$, $h(x) = 3$ and y -axis from $[0,9]$.

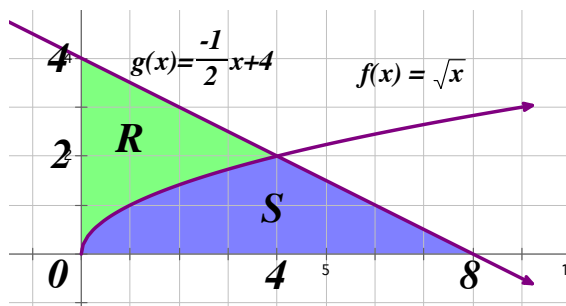


(Set up and use calculator)

a) vertical cross sections

b) horizontal cross sections

4)



a) Find Area of region R.

b) Find Area of region S.