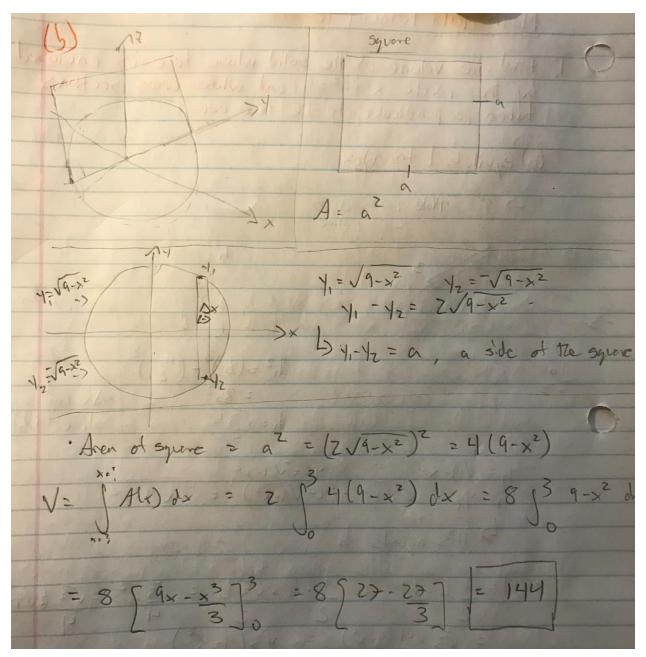
Ryan Woodward

V00857268

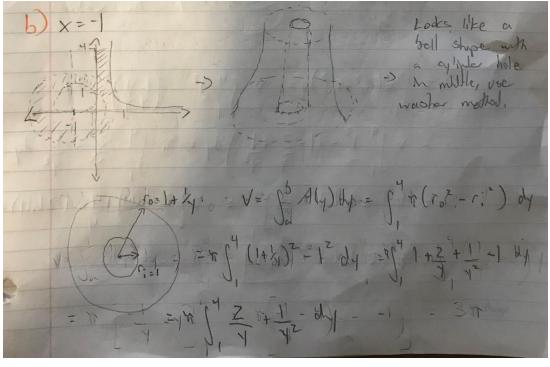
Math 101 – T04

Tutorial 10: 1b, 2b, 2e, 3b

<u> 1b:</u>



<u>2b:</u>

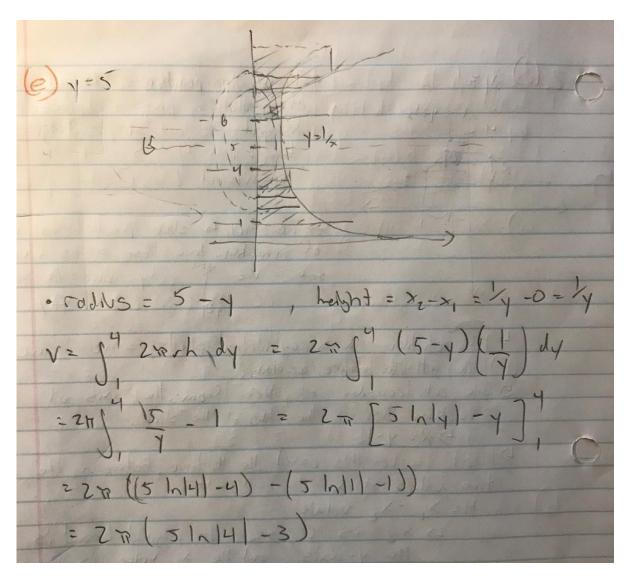


$$= \pi \left[2 \ln 4 \right] - \frac{1}{4} - \left[2 \ln 1 \right] - \left[2 \ln 1 \right] - \frac{1}{4} \right]$$

$$= \pi \left[2 \ln 4 \right] - \frac{1}{4} - 2 \ln 1 \right] + \frac{1}{4}$$

$$= \pi \left[2 \ln 4 \right] + \frac{3}{4} = \frac{1}{4} \pi \left(8 \ln 4 \right) + \frac{3}{4} \right]$$

<u>2e:</u>



<u>3b:</u>

b)
$$y = \frac{x^3}{5} + \frac{1}{2x}$$
, $\frac{1}{2}$, $\frac{1}{3}$ $\frac{$