

Math 165 Section A
Professor Lieberman
November 10, 2004

ANSWERS TO PRACTICE FOURTH IN-CLASS EXAM

- (a) $y = \pm\sqrt{C + x^2}$.
(b) $y = x$.

- $\frac{t^3}{3} - 2\sin t + C$.

- The area is

$$\sum_{i=1}^6 \left(\left(-1 + \frac{3i}{6} \right) + 1 \right) \frac{3}{6} = \frac{21}{4}.$$

(It's OK to write 1/2 instead of 3/6.)

- Click [here](#) to link to the graph