

**Mat 115 Worksheet 7 Answers**  
**Tuesday, Oct 24 2017**

1. (a)  $256\pi/3$ , (b)  $2048\pi/15$

2. (a)  $2\pi$ , (b)  $72\pi/5$

3.  $3/5$

4.  $40000\pi ft^3$

5. (a)  $2\pi/5$ , (b)  $4\pi$ , (c)  $20\pi/3$

6.  $7\pi/4$

7.  $2\pi^2 a^2 b$