	Homework 15 Final Answers	
1. (39)		
$1.  \left(\frac{39}{2}\right)$		
$2 \cdot \left(\frac{3\pi^2}{8} - 1\right)$		
2. 8		
9		
3. (9/2)		
4. (4T)		
5. (1)		
2. 2		
$\left(0, \frac{20}{3}\right)$		
$\left(6, \frac{20}{3}\right)$		