MAC 2311 Hybrid Calculus I (B)

**Sections 5.4-5.5**

1.The velocity of a particle that moves along a line is given by v(t)=6-2t. Use integrals to find the displacement of the particle and the total distance traveled in the interval t:[0,6]

2. Find

3. Find

4. Evaluate

5. Find

6. Find

7. Find

8. Find

9. Evaluate

10. Find

11. Find

12. Find

13. Find

14. Evaluate

15. Evaluate