

Computer Science I – Summer 2011
Recitation #5: Summation Practice (will be tested AGAIN on Final Exam)

1. Determine a closed-form solution for the following sum in terms of n : $\sum_{i=n+1}^{2n} (2i + 3n^2)$

2. Determine a closed-form solution for the following sum in terms of n : $\sum_{i=0}^n \left(2 \sum_{j=n+1}^{3n} (i + j) \right)$