Examples 9-12 on actual page 57 of ADITA.

Exercises 3.5 through 3.13 on actual pages 64-65 of ADITA

Exercises 3.1-2, 3.1-4 on pages 52-53 of CLRS

3.1-2: Show that for any real constants a and b where b>0, (n+a)b = Θ(nb).

3.1-4: Is 2n+1=O(2n)? Is 22n = O(2n)?

Problem 3.3-a on page 61 of CLRS

Rank the following functions by order of growth. Partition your list into equivalence classes such that functions f(n) and g(n) are in the same class if and only if f(n)=Θ(g(n)).

