

In-class exercises: Recurrences

Solve by iteration the following recurrences.

1. $T(n) = T(n/2) + 1$

2. $T(n) = T(n - 1) + 1$

3. $T(n) = T(n - 1) + n$

4. $T(n) = 2T(n - 1) + 1$