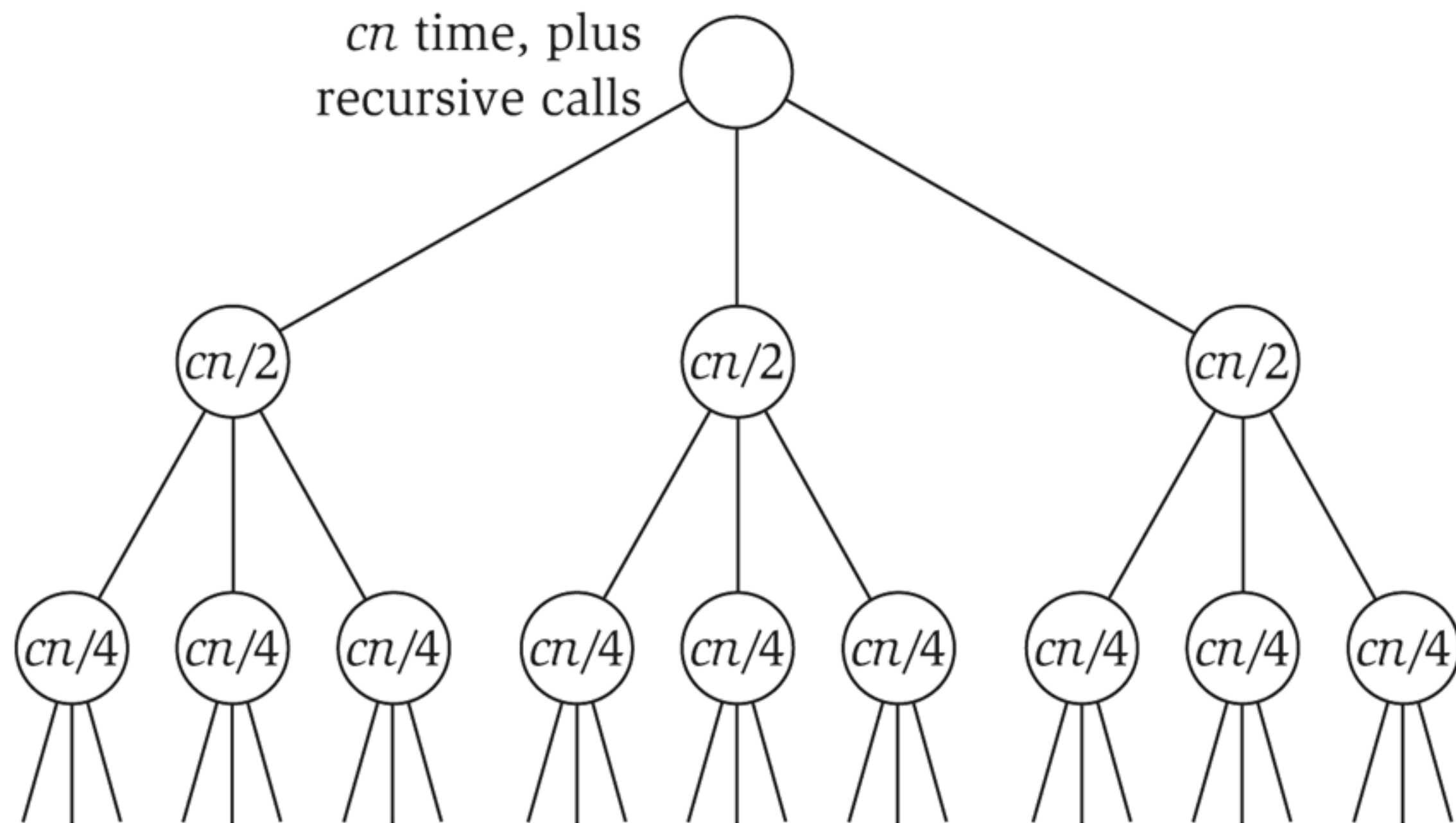


cn time, plus
recursive calls

Level 0: cn total



Level 1: $cn/2 + cn/2 + cn/2 = (3/2)cn$ total

Level 2: $9(cn/4) = (9/4)cn$ total

Figure 5.2 Unrolling the recurrence $T(n) \leq 3T(n/2) + O(n)$.