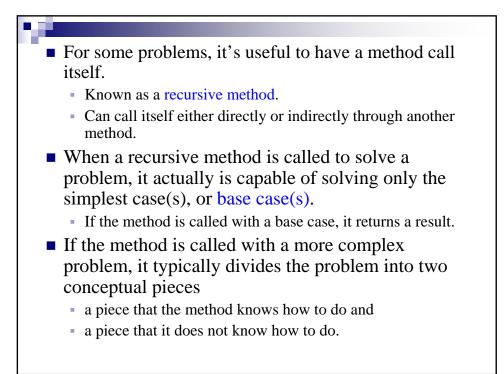
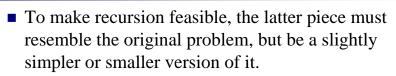
RECURSION





- Because this new problem looks like the original problem, the method calls a fresh copy of itself to work on the smaller problem
 - this is a recursive call (also called recursion step)
- The recursion step normally includes a return statement, because its result will be combined with the portion of the problem the method knew how to solve to form a result that will be passed back to the original caller.

