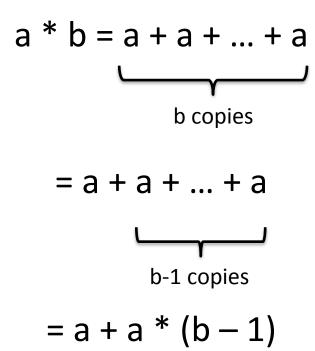
Recursive version

 An alternative is to think of this computation as:



Recursion

- This is an instance of a recursive algorithm
 - Reduce a problem to a simpler (or smaller) version of the same problem, plus some simple computations
 - Recursive step
 - Keep reducing until reach a simple case that can be solved directly
 - Base case
- a * b = a; if b = 1 (Base case)
- a * b = a + a * (b-1); otherwise (Recursive case)

```
def recurMul(a, b):
if b == 1:
    return a
else:
    return a + recurMul(a, b-1)
```