```
1a)
sum :: [Int] -> Int

1b)
sum' []     =
sum' (x:xs) =

1c)
sum' []     = 0
sum' (x:xs) =

1d)
sum' []     = 0
sum' (x:xs) = x + sum xs

1e)
sum :: [Int] -> Int
sum' [] = 0
sum' (x:xs) = x + sum xs
-- No change because no simplification



2a)
sumdown :: Int -> Int

2b)
sumdown 0   =
sumdown n   =

2c)
sumdown 0   = 0
sumdown n   =

2d)
sumdown 0   = 0
sumdown n   = n + sumdown (n-1)

2e)
sumdown :: Int -> Int
sumdown 0   = 0
sumdown n   = n + sumdown (n-1)
-- No change because no simplification
```