set! (cont.)

```
(define cons-count 0)
(define cons
  (let ((old-cons cons))
     (lambda (x y)
        (set! cons-count (+ cons-count 1))
        (old-cons x y)
     )
   )
)


(cons 'a '(b c)) => (a b c)
cons-count => 1
(cons 'a (cons 'b (cons 'c '()))) => (a b c)
cons-count => 4
```

What's the problem?