

Problem 1

The returned value is 3 because we init the counter at 3 in a and at 7 in b, then we call a 2 times and b 1 time. This leads the counters for a to be 5 and for b to be 8. When we calculate the final diff exp we get 9-6 which results in 3.

Problem 2A

```
let a = [  
  let b = 17 in  
    proc (x) -(x, -(b, 11))] in (a 9)
```

Evaluates to: 3

Problem 2B

```
[a] = 9  
[b] = 17
```