

PartA:

```
[a=[10]] p
```

```
[f= ( prov-val ( procedure func << (func a) >> [a=[10]] p ))]  
[a=[10]] p
```

```
[a=[5]]  
[f= ( prov-val ( procedure func << (func a) >> [a=[10]] p ))]  
[a=[10]] p
```

```
[g = (proc-val (procedure x << -(x,a) >> [a=[5]] [f= ( prov-val ( procedure func << (func a)  
>> [a=[10]] p ))] [a=[10]] p))]  
[a=[5]]  
[f= ( prov-val ( procedure func << (func a) >> [a=[10]] p ))]  
[a=[10]] p
```