

3.64/
 (1)
 $\&A[i][j][k]=x0+8(S*T*i+T*j+k)$
 (2)
 $R=7,S=5,T=13$

3.66/
 $NR(n)=3n$
 $NC(n)=4n+1$

3.67/
 (1)
 -----~104
 - -
 - -
 - -
 - -
 -----~64~%rdi
 - -
 - -
 - -

 - z -
 -----~24
 - &z -
 -----~16
 - y -
 -----~8
 - x -
 -----~0
 (2)
 %rsp+64
 (3)
 use %rsp+offset
 (4)
 store data %rdi+offset, return %rdi
 (5)
 -----~104
 - -
 - -
 - -
 -----~88
 - z -
 -----~80
 - x -
 -----~72
 - y -
 -----~64~%rdi(in)~%rax(out)
 - -
 - -
 - -
 -----~32
 - z -
 -----~24
 - &z -
 -----~16
 - y -

```

-----~8
-      x  -
-----~0~%rsp in eval
-      -
-----~8~%rsp in process

```

(6)
 caller allocate area address for callee, callee store data on it and return this address

3.69/
 (1)
 CNT=7
 (2)
 typedef struct
 {
 long idx;
 long x[4];
 } a_struct;

3.70/
 (1)
 0,8,0,8
 (2)
 16
 (3)
 up->e2.x=*((up->e2.next).e1.p)-*(up->e2.next).e1.y;