question 7.

a. size of grid is (LILZ).

(vordinates is (X, XZ).

so. Index = x, x L, + x,

Coordinates = Floor (index)

X1 = mod (index)

b. Size of grid is (L,, Lz, Lz, Lz, Lz, Ls).

(sprdinates is (X,, Xz, Xz, Xu, X5, Xo).

index = (L1×12×23×24×25) × X6
+ (L1×2×23×24) × X5
+ (L1×2×23) × X4
+ (L1×2) × X3
+ (L1) × X2.
+ X1.

```
courdinates:
  quol = Flour [ index/(lixlixlixlixlix)
 modi= mod ((Lixlxxlxxl4xls), ind(ex)
 quol= mod floor[mod]/(lixhxL3x14)]
 mod2-mod ( (Lixexi3xi4). mod1)
 quo3 = floor [mod2 ( (LixL2xL3)]
 mod 3= mod ([[ixixxl]), mod2)
 quo4 = floor [mod 3/ (L, xL2)]
mode = mod ((LIXLZ), mod 3)
0/405 = floor [mod4/Li]
mod5 = mod (L1, mod4)
vemain = index - quolx(LixLxxl3xluxl5)
           - quo2x (L1 x L2 x L3 x (4)
           - quo3 x (L, xl, x (3)
           - quo4 x (LixLz)
            - 9405 x L1
```

Coordinates: [wemain, quos, quo 4, quo 3, quo 2, quo]