```
Given: (K1,74) (K2,42) (K3,43)
Find: (XC, YC) ... The center of a circle passing through
        al 3 polits
              a circle
              (x-xe) + (y-yc) = -7
      1 equation with 3 unknowns
             x2 + y2 - r2 = 2xxc + 2yyc (x2+y2)
      For point 1

Xc2 + yc2 - r2 = 2x, xc + 2y, yc (x1 + y, z)

So, For poludy 2 + 3
2x2xe+2424c = 502 = 2K1xe+2414c = 501
           (2)(x2-x1) xc + (2)(42-41) Yc = rox-rox
   and similarly
(2)(x3-x1) xc + (2)(43-41) Ye = rog -rox
             [xc] = Ab
```

.

٠

i.

6