



○ - elements of the ideal  $(2)$

the outline is a "fundamental parallelogram" for this lattice.  
we see that:  
its vertices  
are all in the  
ideal  $(2)$ ,  
so they all are  
in the same  
congruence class  $\bar{0}$ .

Then there is an element of the ring  $-1$   
inside the parallelogram, and it represents  
its own congruence class  $\bar{1}$ .

The two points marked by  $\Delta$  on the boundary  
also project to the same class:  $\overline{\left(\frac{1+\sqrt{3}}{2}\right)}$

(bar indicates reduction mod  $I$ ,  
not conjugation)

Finally, the two points marked by  $\square$  also  
represent the same class.