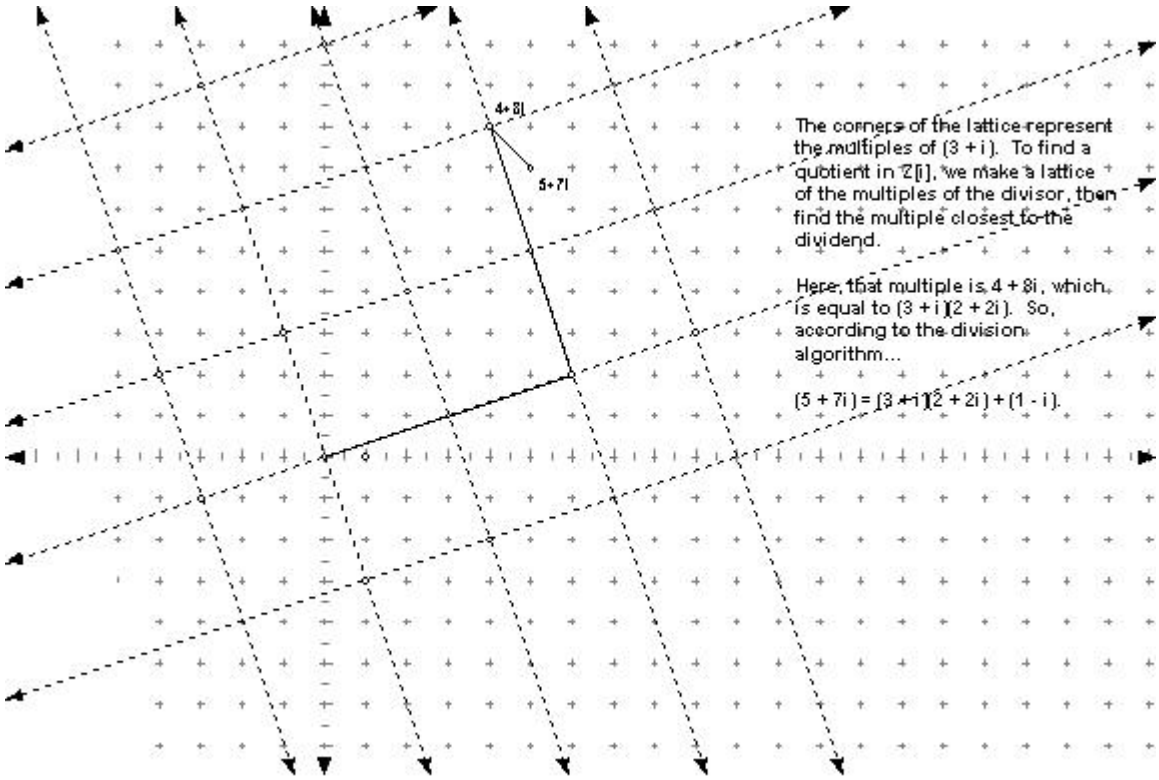
Handout for Session 13



The text on the lattice reads as follows:

> The corners of the lattice represent the multiples of $(3+i)$. To find a quotient in $\mathbf{Z}[i]$, we make a lattice of the multiples of the divisor, then find the multiple closest to the divident.
>
> Here, that multiple is $(4+8i)$, which is equal to $(3+i)(2+2i)$. So, according to the division algorithm...
>
> $$(5+7i) = (3+i)(2+2i) + (1-i)$$