	classmate classmate
->	A crystal lattice may be ansider as set of . Page
1	parallel equally spaced planes passing through lattice, point
7	this planes are called lattice planes.
	expendicular distance between adjacent planes is called as interplaners
> The	pasition and ordentation of lattice planes in a coastal are.
de	termine by three smallest number, these numbers are denoted by
b	k knows as miller Today of sives class are
D	ke known as miller Indices of given plane one any
> f	and oleme is walked by
	ndly plane is spelfied by (h,k,l)
#	Short I find William Short
#	steps to Find Miller indices
n	
	Find the intercepts of give planes along three axis.
	19 ke sperproces of these intercepts
37	find L.C.M of denominators of these reciprocal
ار۹	Mymple reciprocal of intercept by L.CM.
5	Redya, resultant by otrion to smaller those interex
	work in dose brucket without among a
37	have miles (hkl) of (431)
# s	tras to draw lattice plane from given miller indices
=	plant plant gives indices
Л	Dogw cube with three co-ordinate axis
1 2 2	Take recommend 1
TE	Take reciprocal of h, k and e value from (h,k,1)
	ake 1 , and 1 as intersepts
	incompt and draw line was
a	plan.
	Flor - 91 11 - 9 28 = 1000

To Draw direction from given miller indices Note: (hkl) => Plane [hkl] > Direction. 04 # steps to Draw lattice direction Divide all indires (hkl) by the highest index Draw, a cube. Start from origin o, more along x-direction by a distance equal to h/ highest indet. Move along Y direction by a distance equal to k/highest index. Move along z direction by a distance and to elhighest index Note: Consider only magnitude while deiding highest No. 1] [3,21] To, and the dintosector join of 3 planes god we get the organized dreated

