











	Pag C 7
u>	Miller indices (326)
	lattice constant, a = 1.5 Å, b = 2Å, C = 4Å
	Triescepts ore: 2, b c
	3,2,4
•	Taking common ratio,
	$x - intercept = 1.5  \text{n}^{\circ}$
	y - intercept = 2×3 = 3A°
	z-intercept = 4x3 = 2A
	: y-intercept = 30, z-intercept = 22
(2)	d = 6250 Kg lm3
	M = 60.2
0	for FCC , n=4
	1/0
	$\alpha = \left(\frac{n \times m}{n \times d}\right)^{1/3}$
	$a = \left(\frac{4 \times (60.2) \times 10^{-3}}{6250 \times 6.023 \times 10^{23}}\right)^{1/3}$
	a = (6.39 × 10-29)113
	a = 4 × 10 10
	a = UA
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