		100
Q6.	P25	
4	3 is a guidratic residue modulo P	- 4
		-
pt)	(-)	
	3 is a quadratic residue modulo P, 3cd (3, P)=1	
	$(\frac{3}{p}) = 1$ (by Def 121)	
	(2) 8434 (8) (111 7184 144141)	
	$\binom{3}{p} = \binom{1}{2} \cdot \binom{\frac{p}{2}}{3} \cdot \binom{\frac{p}{2}}{3} \cdot \binom{\frac{1}{2}}{3} \cdot \binom{\frac{1}{2$	
	= 1.	
	And and the second second	
	799 42	
	$\frac{P-1}{2}$ $\left(\frac{P}{3}\right)$	
	2 (3)	
	axel) 74/4 1	
(ose2) to -	
	use-)	
	$(ave1) \frac{P+1}{2} = 2k_1 (k_1 \in \mathbb{Z})$	
	P= 4k,+1 -> P= 1 (mod4) 1	
	$\left(\frac{\rho}{3}\right)=1$ \iff $\rho^{\frac{3}{2}}=\frac{1}{2}$ $\left(\frac{9cd}{6R}\right)=1$	1
	(3) 1 - 1 [mod 3) by P324	2
	+> P= 1 (MD13) (Criterion	
		-





