2.31	R= 1- 55E
	55 7
	$SS_{E} = \frac{2}{4} (y_{1} - \hat{y}_{1})^{2}$
	If there are diff values of y, then SSE> 0. Hence R2 < I always
A LIVERS	SSETO. Hence R2 < I always
2.32-a)	5 (po, po) = 3 (4; - po - po x;)2 po = po
	121 N
	$ S = -2\{(4; -\beta_0 - \beta_1 \times i) = 0$
	$\frac{15}{100} = -2 \frac{1}{2} (4; -\hat{\beta}_0 + \hat{\beta}_1 z_i) z_i = 0$
2/	0 P1 1 P0 7 P1
William I I I I I I	B = { (4:- Po)x.
SA SUCCESSION	n Po + B, Z = 7 7 7 = 1 = 1 = 1
	i=1 ;=1 ;=1 ;=1 ;=1

We get \$, + + MSE In the above equation, the variability is significantly neduced.