9.2	a. $B = \{(M+M) = M.$
	TE 7/1 + 1/2 (N-2) + 4/n
	$= \frac{1}{4}M + \frac{(N-2)M}{2(N-2)} + \frac{1}{4}M = M$
	ZY=M
	b. $Var(\overline{y}) = \frac{5^2}{n}$
	$Var\left(\frac{1}{2}(1+1)\right) = \frac{6^2}{2}$
	var ( 7 /1+ 2(n-2) + 9 /n)
	$= \frac{1}{16} + \frac{6^{2}}{4} + \frac{6^{2}}{4 - 2} + \frac{1}{16} + \frac{1}{16}$
	$= \left[ \frac{1}{8} + \frac{1}{4(n-2)} \right] 6$
	$\Rightarrow P = (M_3, M_1) = \frac{6^2/2}{6^2/n} = n/2$
	$P = \frac{1}{8} (M_3, M_2) = \frac{11/8 + 11/4(n-2)/1.6}{8^2/n} = \frac{11/8 + 11/4(n-2)}{(1/8 + 11/4(n-2))}$
0	
7.5	(n-1), 61 $Var(61) = 64, 2(n-1)$
	$\frac{6}{5}$
	$=\frac{26}{n-1}$
	$\frac{A}{B^2} = \frac{1}{2} \left( \frac{1}{1 - M} + M - \frac{1}{1 - M} \right)^2 = \frac{1}{2} \left[ \frac{1}{1 - M} + \frac{1}{1 - M} +$
	Var(62) = Var( (1-M)2 + (1-M)2 ) + Var( (1-M) + M)
	Var(60)= Var( 2 / + m)2 (x,-m)2 (x,-m)(x,-m)
	- 2 COV ( - X - Y ) ( X - Y )

(X,-h)2+ (X,-h)2 ~ X,2. Var ( ( ( - M) + (x-M) ) = 64 - 4 = 6 Var ( (/1-M) (/2-M) = (1-M) (/2-M) - [TE (X1-M)(X2-M)] = 1/2 (1-M)2 /2 (1/2-M)2 - 02  $\left[\frac{(\lambda-\mu)^2+(k-\mu)^2}{2} + (\lambda-\mu)(\lambda-\mu)\right]$ A (X-M)2 + (X-M)2 (Y-M)-(Y2-M) E (Y-M) + (x-M) / TE (Y-M) (Y-M) 7- (x-m)3 (x-m) + (x-m) vor (62) = 264  $PE(\hat{6}_{1},\hat{6}_{1})=\frac{26^{4}(n-1)}{26^{4}(n-1)}=n-1$