7.6	
(1) Ho: M Mz 20, H, = H Mz 00	
(z) N = 0.05	
(3) 棄針1或C={Z<-ZX}={Z<-1.645}	
$(4) \ \ Z = \frac{6.96 - 7.2}{\sqrt{\sqrt{\sqrt{\frac{9.032}{10.00}}}}} = 2.801$	
、男生平均睡眼時間 七世	
7.7	
(1) Ho = M1 - M2 = 0 H1 = M M2 to	
(2) x =0.05	
(3) 東節球C={1717ton,+n,-2)}={1717tono25(16)}={1717Z.120}	
	0
(4) $SP = \int \frac{9 \times 0.653 + 9 \times 617}{10 + 8 - 2} = 0.642$, $T = \frac{9.928 - 9.546}{0.642 \sqrt{6 + 8}} = 0.598$	0
:、2種嬰兒奶粉對體重無明顯差異	
7.8	
(1) Ho = M, - Mz = 0, H1 = M, - Mz = 0	
$20.0 = \chi (s)$	
$(3) \ V = \frac{\left(\frac{57}{151} + \frac{5^{\frac{2}{3}}}{n_2}\right)^2}{\left(\frac{5^{\frac{2}{3}}}{n_1}\right)^2} - \frac{\left(\frac{4.92^{\frac{2}{3}}}{15}\right)^2}{\left(\frac{52}{12}\right)^2} - \frac{\left(\frac{51}{15}\right)^2}{\left(\frac{5}{12}\right)^2} - \frac{22.773 = 23}{12-1}$	
$\frac{n_1}{n-1} + \frac{1}{n_2-1}$	
棄卸域 C = {17) 7 to.021(23) } = {17) 7 2.069 }	
(4) 7= 78.25-72.6	
(4) T= 18.25-72.6 = 2.169 二、百题着差	
7,9	
(1) Ho=M,-Mzzo, H,: M,-Mzzo	
$(2) \chi = 6.05$	
(3) 養育 校 (= { 7 2- to.05(11) { = { 7 2-1.796 }	
(4) 7 14 21-9	
(4) T= 1-do = -3/5-0 = -7.318 : 進修後有較好的工作表現	