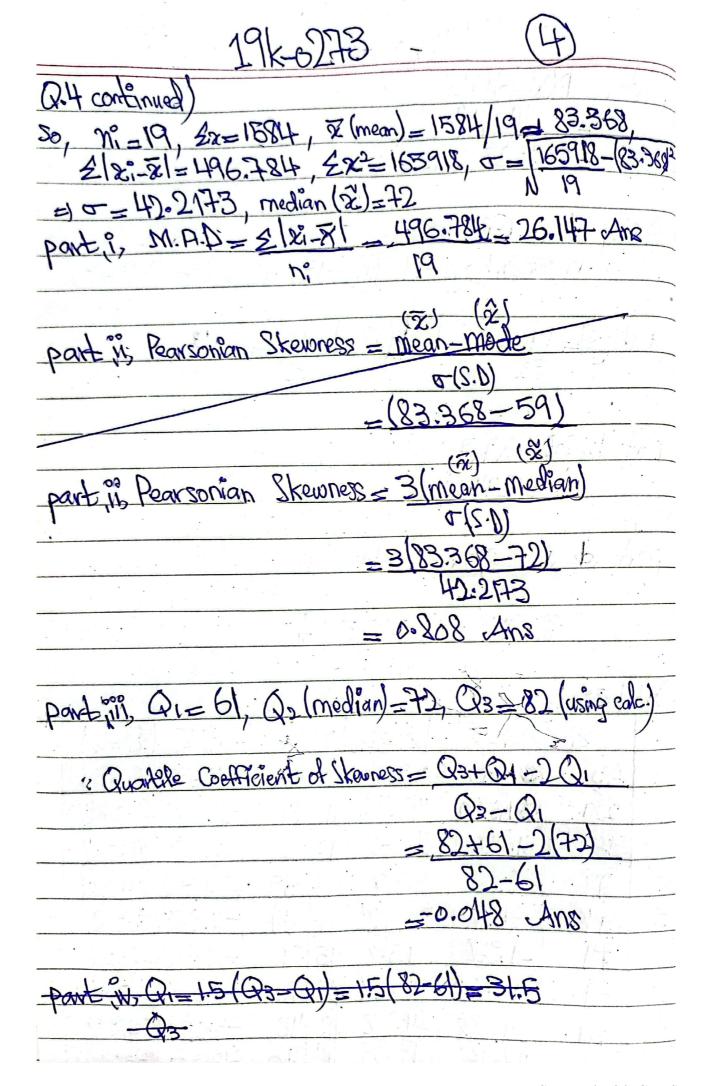


19k-0273	(2)
Part (W, S.D(v) = 5/22 - (x (mean))2	
= 216508 - (71.8537)2	(using calculator)
→ (S.D) = 10.851 Ang	
part u sto Onthes. Are	1
Q.2) P=P(L1)+P(L2)+P(L3)+P(L4) 	5) +(0.3)(0.21)
= (0.4)(0.2) + (0.2)(0.5).	mutually exclusive ase + (0.3)(0.2)
= 1P = 0.27 Ans	
part, b, Ginens n=9, 4 outcomes, p, =0.4, p==0	$1, P_3 = 0, 3, P_{4} = 0.1,$
(for 4 outcomes)	419 Ve 4 2002
21,80	28/24 P2/2 P2 P3/24
= f(3,3,1,2;0.4,0.2,0.3,0.1)= 9 3,3,1	2 6.43 (0.2) [0.3] [0.3]
313121	(0.064)(0.008)(03)(b)
=0.00774	=7.74×103 As

19k-0273					(3)			
$part_{c}$, $P(X=0)(1/2)$ =(${}^{3}C_{0})({}^{2}C_{2})({}^{2}C_{2})({}^{3}({}^{1}2))$ = 0.0625 Ans								
	= 0	0625	Am		,,		4.	
					•	,		
0.3	Part	a, Giver	18		- h	1 11 1	0.10 20	
0.9 part (a), Givens boys=19, girls=13, $h(total)=19+13=32$								
P(boys=19=0.59, P(girls)=13=0.41)								
	2043	32	(J	9	32			
					,	•		
par	E, b, Sol	FXFX8 s			• .			
		= 294	Ans			-		
Day	A.d. 3	28/2	0 = 0.14	An	<u> </u>			
		1,5-			1			
11, 95/200 = 0-475 Ans 5(Q1) 10(Q1) (Q1)15								
OL	H Binder	48,49,5	59,59,61,	63,	66,67,	70,72,74,7	14,77,81,82	
1	Li Ei	21-2	12:-2	5	K,	2, 2	2°-元	
1.	63/	20368	20,368	10	102	18.632	18.692	
2	229	145.63)	145.36	11	81	-2.368 -11.368	11.368	
3	165	81.632	81.682	13	92× 89-	-11:280 -24:368	24.368	
4	77	-6.368	6.368	13	74	-9.368		
5	742	-34.368 -9.368	9.368	15	61-	-22.368		
1	67-	-16.30		16	824	71.388	1.368	<i>a</i>
8	59	-24.368	24.368	A	48/		35.368	
9	66-	-17-368	17.38	18	70/	-13.368	13368	
	,			19	86-	2.632	2 632	



19k-0273	(5)
partin (Continued Q.4) I. Q.R = Q3-Q1=21	
I. Q.R = Q3-Q1=21	
: lower-limit=Q1-1.5(I.QR)=61-1.5(21) : upper limit=Q=+1.5(I.QR)=82+1.5(24)	= 29,5
: upper limit=Q=+1.5(I.Q.R)=82+1.5(21)	=113.5
party Outliers:	
Hence, 165,229 are outliers. Apre	
Part vi Wisker Plots	
Q1 Q2 Q3	
(M) min	(up) max
	1
030 40 50 60 70 80 90 las	16220 230
ATI 60 0 1125	7 1
Q.5) Breeze: $\beta_2 = \mu_4 = (1.24) = 1.757$	t Ans
D 12 (036) 011	9 1
$\frac{U_{3}^{2}}{U_{3}^{2}} = \frac{(0.84)^{2}}{(0.84)^{3}} = 0.21$ $U_{3}^{2} = \frac{(0.84)^{3}}{(0.84)^{3}} = 0.21$	1 CANS
WZ (0.0D	
Q.6) Motes This Question is same	ar 0.3
CA. C) MACCO MIS THE LOW IS THE	10 00.