Subject (i)	x	y	x^2	y^2	x-xbar
1	7	10	49	100	2
2	6	9	36	81	1
3	3	5	9	25	-2
4	1	4	1	16	-4
5	8	12	64	144	3
Total	25	40	159	366	0

	x	y
Sample size	5	5
Population mean	5	8
Sample mean	5	8

	x	y
Pop variance	6.8	9.2
Sample variance	8.5	11.5
Pop SD	2.61	3.03
Sample SD	2.92	3.39
Pop covarince	7.8	
Sample covariance	9.75	
Pop correlation	0.99	
Sample correlation	0.99	
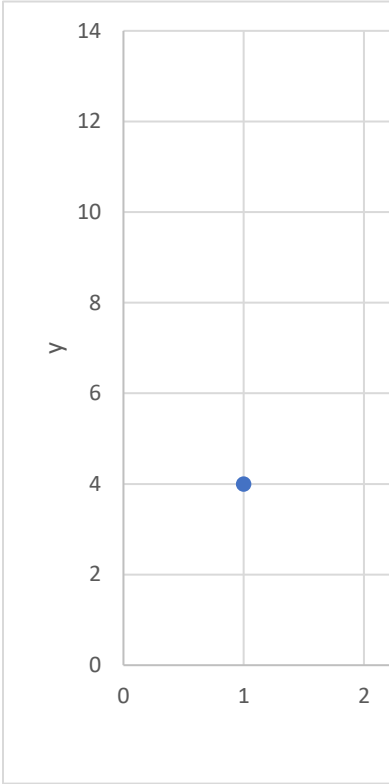
y-ybar	(x-xbar)^2	(y-ybar)^2	xy	(x-xbar)(y-ybar)
2	4	4	70	4
1	1	1	54	1
-3	4	9	15	6
-4	16	16	4	16
4	9	16	96	12
0	34	46	239	39