

**TABLE D.10:** Orion Electronics Inventory Simulation

DAY	ORDER RECEIPT	BEGINNING INVENTORY	RANDOM NUMBER	SIMULATED DEMAND	ENDING INVENTORY	LOST SALES	ORDER PLACED?	RANDOM NUMBER	SIMULATED LEAD TIME
1		8	56 <sup>a</sup>	2	6	0	YES <sup>b</sup>	49 <sup>c</sup>	2
2		6	14	1	5	0	NO <sup>d</sup>		
3		5	82	3	2	0	NO <sup>d</sup>		
4	12 <sup>e</sup>	14	96	5	9	0	NO		
5		9	67	3	6	0	YES	60	2
6		6	83	3	3	0	NO		
7		3	83	3	0	0	NO		
8	12	12	02	0	12	0	NO		
9		12	04	0	12	0	NO		
10		12	53	2	10	0	NO		
					Total = 65				