Month Demand		At t=1:
1	1 20	Ch1,1 = 0 < 25
2	2 40	Ch1,2 = h1D2 = 8 < 25 17> closer to 25
3	3 110	Ch1,3 = h1(D2+D3)+h2D3 = 52 > 25 27
4	120	Q1 = D1+D2 = 20+40 = 60 It
5	5 60	Se
$\epsilon$	5 30	At t=3: Ch3,3 = 0 < 25
7	7 20	Ch3,3 = 0 < 25
8	30	Ch3,4 = h3D4 = 24 < 25 1> closer to 25
g	9 80	Ch3,5 = h3(D4+D5)+h4D5 = 48 > 25 23
10	120	Q3 = D3+D4 = 110+120 = 230
11	1 130	
12	2 40	<u>At t=5:</u>
	800	Ch5,5 = 0 < 25
		Ch5,6 = h5D6 = 6 < 25
Α	25	Ch5,7 = h5(D6+D7)+h6D7 = 14 < 25 11
r	0,05	Ch5,8 = $h5(D6+D7+D8)+h6(D7+D8)+h7D8$ 32 > 25 7> closer to 25
V	4	Q5 = D5+D6+D7+D8 = 60+30+20+30 = 140
h	0,2	
		<u>At t=9:</u>
		Ch9,9 = 0 < 25
		Ch9,10 = h9D10 = 24 < 25 1> closer to 25

76 > 25

51

20

60

40

25

8

33

40

0

0

0

0

Dt

Qt

lt

Setup cos

Holding c

Total cost

## <u>At t=11:</u>

Ch11,11 = 0 < 25

Ch11,12 = h11D12 = 8 < 25

Q11 = D11+D12 = 130+40 = 170

Ch9,11 = h9(D10+D11)+h10D11

Q9 = D9+D10 = 80+120 = 200

3	4	5	6	7	8	9	10	11	12	Total
110	120	60	30	20	30	80	120	130	40	800
230		140				200		170		800
120	0	80	50	30	0	120	0	40	0	480
25	0	25	0	0	0	25	0	25	0	125
24	0	16	10	6	0	24	0	8	0	96
49	0	41	10	6	0	49	0	33	0	221