

Month	Demand (units)
1	200
2	300
3	180
4	70
5	50
6	20
7	10
8	30
9	90
10	120
11	150
12	190
<b>Total</b>	1.410

A \$160,00  
r (per month) 0,1  
v \$5,00

#### FOQ with $Q_t = 275$

t	1	2	3	4	5	6	7	8	9	10	11	12	Total
<b>Dt</b>	200	300	180	70	50	20	10	30	90	120	150	190	1410
<b>Qt</b>	275	275	275	0	0	0	275	0	0	0	275	275	1650
<b>It</b>	75	50	145	75	25	5	270	240	150	30	155	240	1460
<b>Setup cost</b>	\$160,00	\$160,00	\$160,00	0	0	0	\$160,00	0	0	0	\$160,00	\$160,00	\$960,00
<b>Holding cost</b>	37,5	25,0	72,5	37,5	12,5	2,5	135,0	120,0	75,0	15,0	77,5	120,0	730,0
<b>Total cost</b>	197,5	185,0	232,5	37,5	12,5	2,5	295,0	120,0	75,0	15,0	237,5	280,0	1.690,0

#### POQ with a 3-month period

t	1	2	3	4	5	6	7	8	9	10	11	12	Total
<b>Dt</b>	200	300	180	70	50	20	10	30	90	120	150	190	1410
<b>Qt</b>	680	0	0	140	0	0	130	0	0	460	0	0	1410
<b>It</b>	480	180	0	70	20	0	120	90	0	340	190	0	1490
<b>Setup cost</b>	\$160,00	0	0	\$160,00	0	0	\$160,00	0	0	\$160,00	0	0	\$640,00
<b>Holding cost</b>	240	90	0	35	10	0	60	45	0	170	95	0	745
<b>Total cost</b>	400	90	0	195	10	0	220	45	0	330	95	0	1.385