

Profit Maximization-Purely Competitive Firm

Q	TFC	TVC	TC	P=\$200 TR	P=200 Profit	P=120 TR	P=120 Profit (Loss)	P=55 TR	P=55 Profit (Loss)
--									
0	300	0	300	0	-300	0	-300	0	-300
1		100	400	200	-200	120	-280	55	-345
2		150	450	400	-50	240	-210	110	-340
3		210	510	600	90	360	-150	165	-345
4		290	590	800	210	480	-110	220	-370
5		400	700	1000	300	600	-100	275	-425
6		540	840	1200	360	720	-120	330	-510
7		720	1020	1400	380	840	-180	385	-635
8		950	1250	1600	350	960	-290	440	-810
9		1240	1540	1800	260	1080	-460	495	-1045
10		1600	1900	2000	100	1200	-700	550	-1350
--									

Q	ATC	AVC	MC
0	---	---	---
1	400	100	100
2	225	75	50
3	170	70	60
4	147.50	72.50	80
5	140	80	110
6	140	90	140
7	145.71	102.90	180
8	156.25	118.75	230
9	171.11	137.77	290
10	190	160	360

