

Relationship of Average Product to Average Variable Cost and
Marginal Product to Marginal Cost

(1) N	(2) TP(Q)	(3) (2)/(1) AP	(4) [(2)/ (1)] MP	(5) \$10/(3) AVC	(6) \$10/(4) MC
0	0	--	--	--	--
1	5	5	5	\$2.00	\$2.00
2	11	5.5	6	1.82	1.66
3	18	6	7	1.66	1.43
4	24	6	6	1.66	1.67
5	29	5.8	5	1.72	2.00
6	33	5.5	4	1.82	2.50
7	36	5.14	3	1.95	3.33
8	38	4.75	2	2.11	5.00
9	39	4.33	1	2.31	10.00
10	39	3.9	0	2.56	

$AP = TP/N$
 $MP = TP/ N$
 $AVC = W/AP$
 $MC = W/MP$