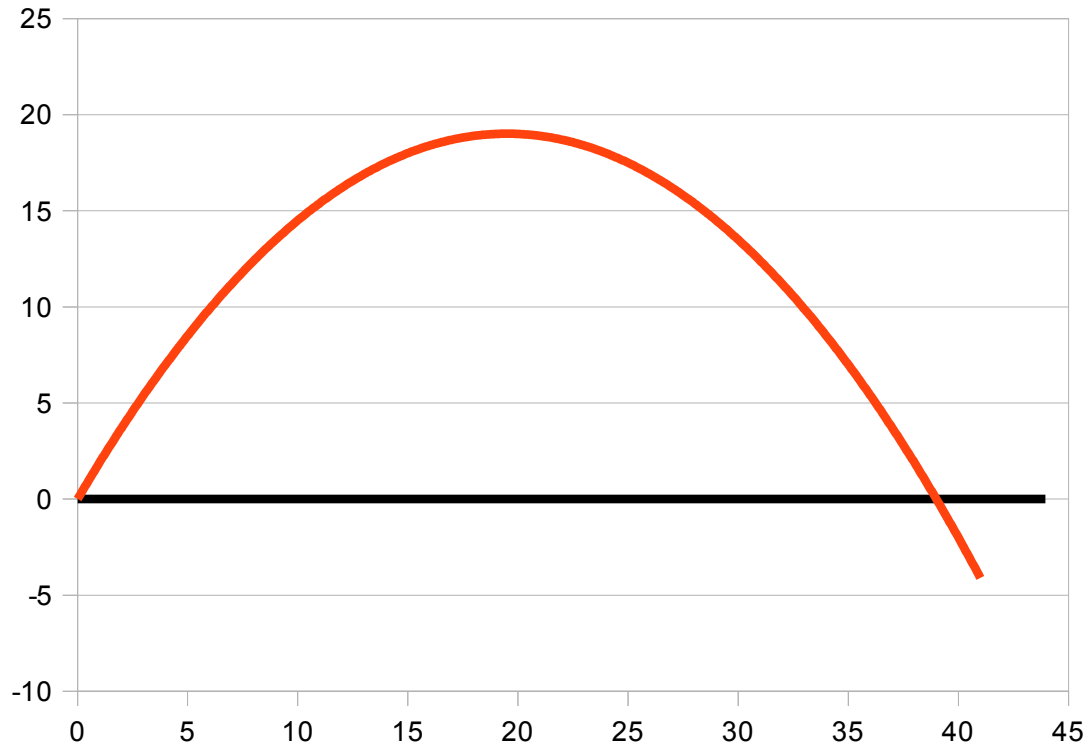


## Profit Maximization

Q	MC=\$0.10*Q	MR=p=\$2	profit=TR-TC	TR=\$2*Q	TC	AC=TC/Q
0	0.00	2.00	0.00	0.00	0.00	–
1	0.10	2.00	1.90	2.00	0.10	0.10
2	0.20	2.00	3.70	4.00	0.30	0.15
3	0.30	2.00	5.40	6.00	0.60	0.20
4	0.40	2.00	7.00	8.00	1.00	0.25
5	0.50	2.00	8.50	10.00	1.50	0.30
6	0.60	2.00	9.90	12.00	2.10	0.35
7	0.70	2.00	11.20	14.00	2.80	0.40
8	0.80	2.00	12.40	16.00	3.60	0.45
9	0.90	2.00	13.50	18.00	4.50	0.50
10	1.00	2.00	14.50	20.00	5.50	0.55
11	1.10	2.00	15.40	22.00	6.60	0.60
12	1.20	2.00	16.20	24.00	7.80	0.65
13	1.30	2.00	16.90	26.00	9.10	0.70
14	1.40	2.00	17.50	28.00	10.50	0.75
15	1.50	2.00	18.00	30.00	12.00	0.80
16	1.60	2.00	18.40	32.00	13.60	0.85
17	1.70	2.00	18.70	34.00	15.30	0.90
18	1.80	2.00	18.90	36.00	17.10	0.95
19	1.90	2.00	19.00	38.00	19.00	1.00
<b>20</b>	<b>2.00</b>	<b>2.00</b>	<b>19.00</b>	<b>40.00</b>	<b>21.00</b>	<b>1.05</b>
21	2.10	2.00	18.90	42.00	23.10	1.10
22	2.20	2.00	18.70	44.00	25.30	1.15
23	2.30	2.00	18.40	46.00	27.60	1.20
24	2.40	2.00	18.00	48.00	30.00	1.25
25	2.50	2.00	17.50	50.00	32.50	1.30
26	2.60	2.00	16.90	52.00	35.10	1.35
27	2.70	2.00	16.20	54.00	37.80	1.40
28	2.80	2.00	15.40	56.00	40.60	1.45
29	2.90	2.00	14.50	58.00	43.50	1.50
30	3.00	2.00	13.50	60.00	46.50	1.55
31	3.10	2.00	12.40	62.00	49.60	1.60
32	3.20	2.00	11.20	64.00	52.80	1.65
33	3.30	2.00	9.90	66.00	56.10	1.70
34	3.40	2.00	8.50	68.00	59.50	1.75
35	3.50	2.00	7.00	70.00	63.00	1.80
36	3.60	2.00	5.40	72.00	66.60	1.85
37	3.70	2.00	3.70	74.00	70.30	1.90
38	3.80	2.00	1.90	76.00	74.10	1.95
39	3.90	2.00	0.00	78.00	78.00	2.00
40	4.00	2.00	-2.00	80.00	82.00	2.05
41	4.10	2.00	-4.10	82.00	86.10	2.10

# Profit Maximization

Profit



Marginal Revenue, Marginal Cost and Average Cost

