







Р	roblem I	– M	argin	al Co	st
	Quantity	Firm A	Firm B	Firm C	
	1	1	1	1	
	2	2	3	1	
	3	3	4	2	
	4	4	5	3	
	5	5	6	4	
	6	6	7	5	
	7	7	8	6	
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Price	Firm A	Firm B	Firm C	Total
1	1	1	2	4
2	2	1	3	6
3	3	2	4	9
4	4	3	5	12
5	5	4	6	15
6	6	5	7	18
7	7	6	7	20

Sup	oply and I	Demand
1	1 2	
Price	Supply	Demand
1	4	21
2	6	19.5
3	9	18
4	12	16.5
5	15	15
6	18	13.5
7	20	12
	L	<u>_</u>

Price	Firm A	Firm B	Firm C	Total Supply
1	1	1	2	4
2	2	1	3	6
3	3	2	4	9
4	4	3	5	12
5	5	4	6	15
6	6	5	7	18
7	7	6	7	20







Questions

- What will be the price of the product when the new innovation comes on the market? What will be the total market when the new innovation comes on the market?
- Over time, current plants will wear out and leave the industry. When 3,000 remain, what will be the annual production using the new technology?

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Finding Current Price

Starting point is to find current price.
From this table we know the minimum of the AC curve is at \$12 with q = 3

	Quantity	Total Cost
	0	11
n of	1	22
11 UI	2	26
\$12	3	36
	4	52
	5	75

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	End
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