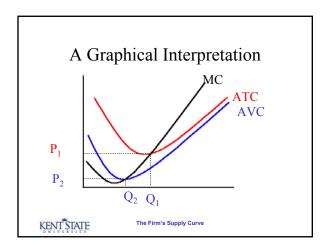
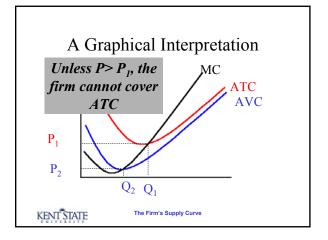
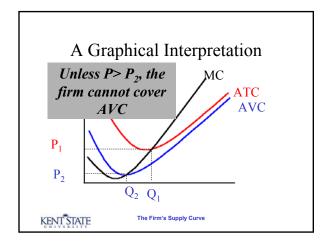


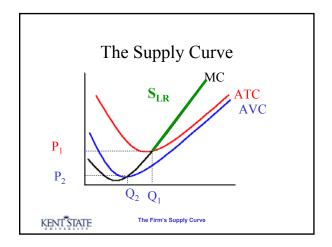
	Т	he N	/lini	num	Price	
Q	TC	MC	AC			
0	100					
1	115	15	115	Р	Q*	AC
2	126	11	63	1	7 5	
3	136	10	45			
4	148	12	37	2	1 6	
5	165	17	33	3	1 7	31
6	186	21	31	3	9 8	32
7	217	31	31	-	0 9	34
8	256	39	32	-		-
9	306	50	34	5	4 10	36
10	360	54	36			

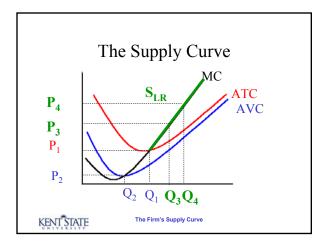
	T	he N	<i>l</i> inir	num P	rice		
Q	тс	MC	AC				
0	100						
1	115	15	115	Р	Q *	AC	
2	126	11	63	17	5	33	
3	136	10	45		Ŭ		
4	148	12	37	21	6	31	
5	165	17	33	31	7	31	
6	186	21	31	39	8	32	
7	217	31	31		~	~ .	
		P	\geq 31	or π <	< 0		
10	360	54	36	1	-		
KENT STATE The Firm's Supply Curve							

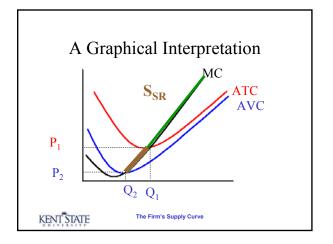


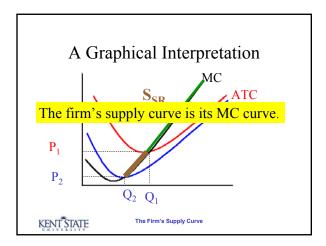


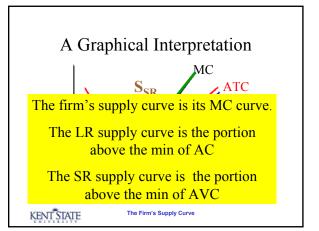


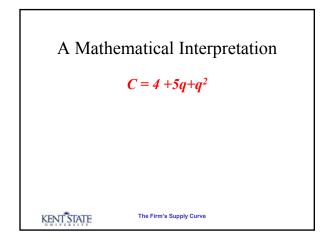


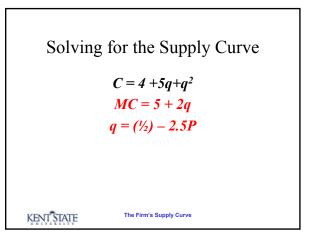


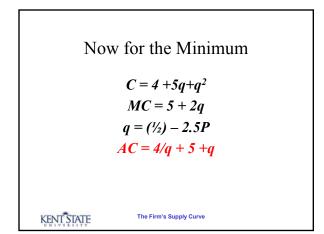


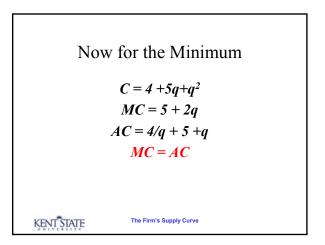












Finding where MC = AC

$$C = 4 + 5q + q^{2}$$

$$MC = 5 + 2q$$

$$AC = 4/q + 5 + q$$

$$MC = AC$$

$$5 + 2q = 4/q + 5 + q$$
The Firm's Supply Curve

Finding where MC = AC

$$C = 4 + 5q + q^{2}$$

$$MC = 5 + 2q$$

$$MC = AC$$

$$5 + 2q = 4/q + 5 + q$$

$$q = 4/q$$
The Firm's Supply Curve

Finding where MC = AC $C = 4 + 5q + q^{2}$ MC = 5 + 2q AC = 4/q + 5 + q MC = AC q = 4/q $q^{2} = 4$ q = 2The Firm's Supply Curve

Finding the Minimum Price

$$C = 4 + 5q + q^{2}$$

$$MC = 5 + 2q$$

$$AC = 4/q + 5 + q$$

$$MC = AC$$

$$q = 2$$

$$p = MC = 5 + 2(q) = 5 + 2(2) = 9$$
The Firm's Supply Curve

The Short Run Minimum

$$C = 4 + 5q + q^{2}$$

$$MC = 5 + 2q$$

$$AC = 4/q + 5 + q$$

$$MC = AVC$$

$$5 + 2q = 4/q + 5 + q$$
The Firm's Supply Curve

