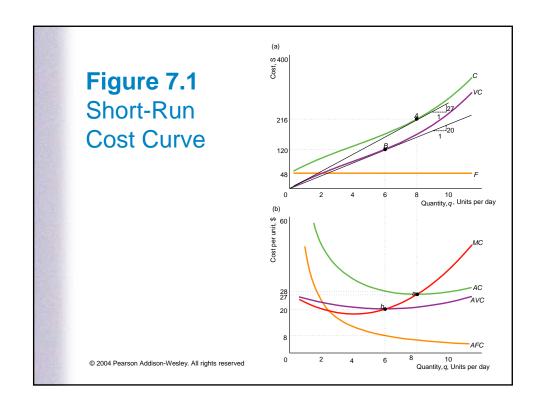
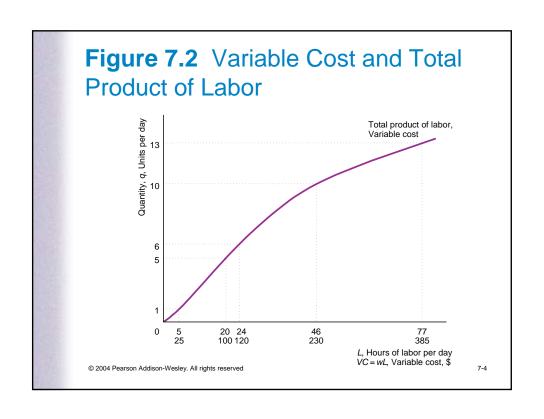


Table 7.1 Variation of Short-Run Cost with Output

Table 7.1	Variation of Short-Run Cost with Output							
Output,	Fixed Cost, F	Variable Cost, VC	Total Cost, C	Marginal Cost, MC	Average Fixed Cost, AFC = F/q	Average Variable Cost, AVC = VC/q	Average Cost, AC = C/q	
0	48	0	48 🔍					
1	48	25	73	25	48	2.5	73	
2	48	46	94 <	21	24	23	47	
3	48	66	114 <	20	16	22	38	
4	48	82	130	16	12	20.5	32.5	
5	48	100	148 <	18	9.6	20	29.6	
6	48	120	168 <	20	8	20	28	
7	48	141	189 —	21	6.9	20.1	27	
8	48	168	216	27	6	21	27	
9	48	198	246 —	30	5.3	22	27.3	
10	48	230	278	32	4.8	23	27.8	
11	48	272	320	42	4.4	24.7	29.1	
12	48	321	369 —	49	4.0	26.8	30.8	

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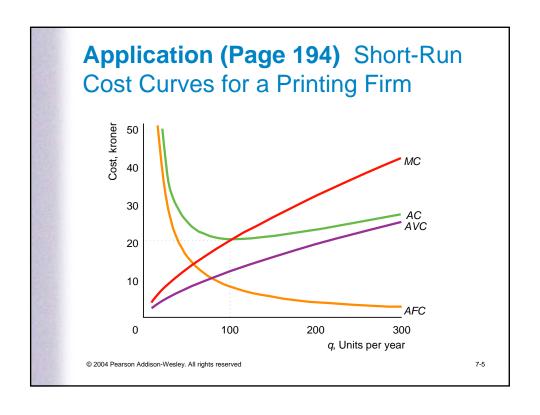
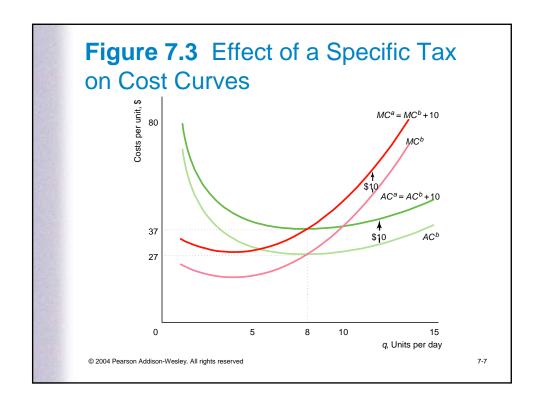


Table 7.2 Effect of a Specific Tax of \$10 per Unit on Short-Run Costs

Table	7.2 Ef	fect of a Specific Ta	x of \$10 per	Unit on Short-Ru	Costs	
Q	AVC^b	$AVC^a = AVC^b + \$10$	$AC^b = C/q$	$AC^a = C/q + \$10$	MC^b	$MC^a = MC^b + \$10$
1	25	35	73	83	25	35
2	23	33	47	57	21	31
3	22	32	38	48	20	30
4	20.5	30.5	32.5	42.5	16	26
5	20	30	29.6	39.6	18	28
6	20	30	28	38	20	30
7	20.1	30.1	27	37	21	31
8	21	31	27	37	27	37
9	22	32	27.3	37.3	30	40
10	23	33	27.8	37.8	32	42
11	24.7	34.7	29.1	39.1	42	52
12	26.8	36.8	30.8	40.8	49	59

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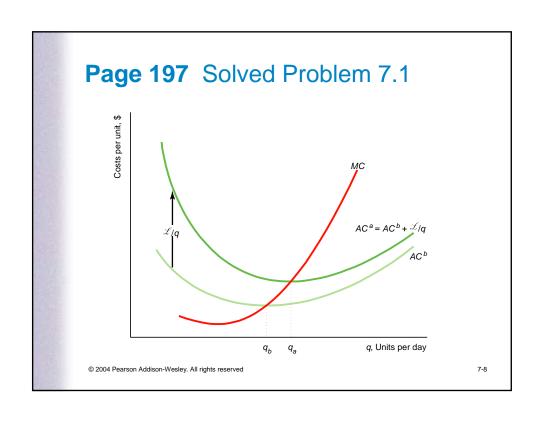
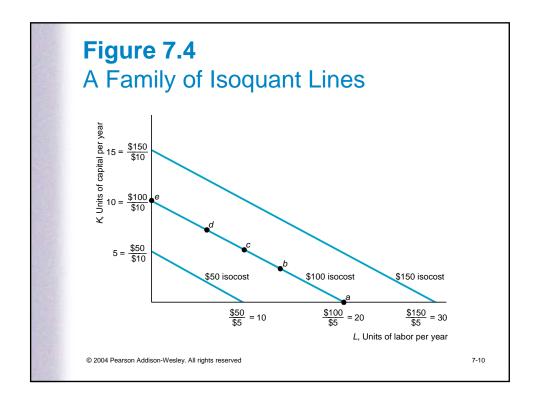


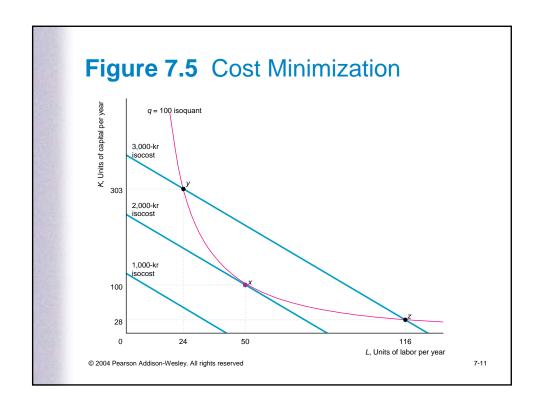
Table 7.3 Bundles of Labor and Capital that Cost the Firm \$100

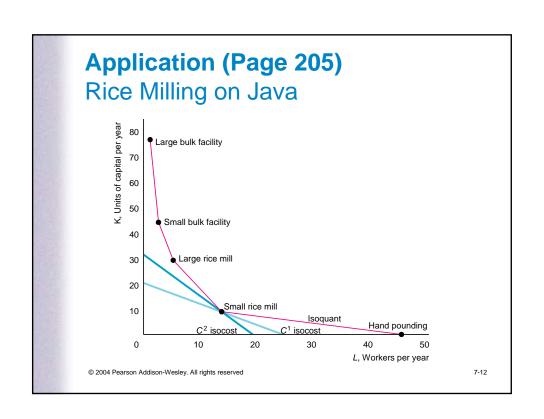
Table 7.3	Bundles	s of Labor a	and Capital Th	at Cost the Firm	\$100
Bundle	Labor, L	Capital, K	Labor Cost, $wL = \$5L$	Capital Cost, $rK = \$10K$	Total Cost, wL + rK
а	20	0	\$100	\$0	\$100
b	14	3	\$70	\$30	\$100
С	10	5	\$50	\$50	\$100
d	6	7	\$30	\$70	\$100
e	0	10	\$0	\$10	\$100

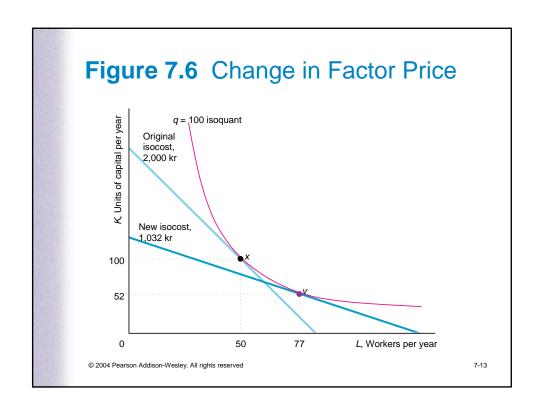
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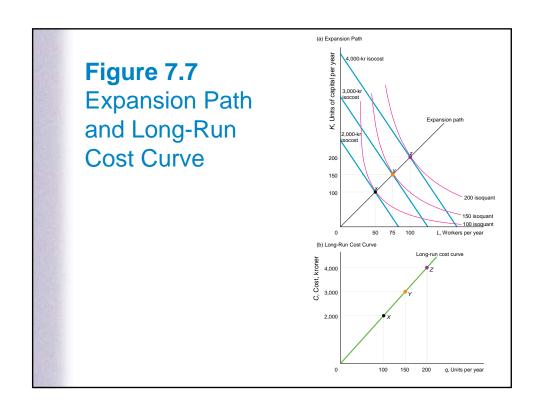
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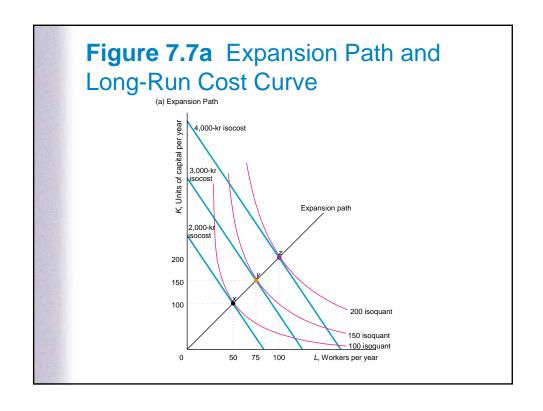


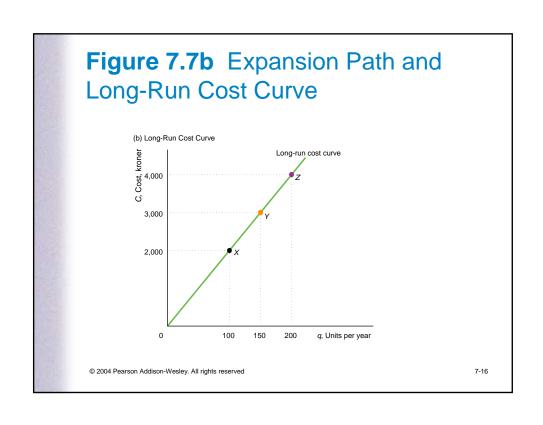












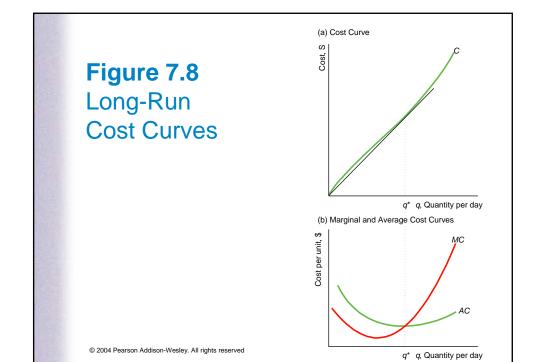


Table 7.4 Returns to Scale and Long-Run Costs

Output, Q	Labor, L	Capital, K	Cost, C = wL + rK	Average Cost, AC = C/q	Returns to Scale
1	1	1	12	12	
3	2	2	24	8	Increasing
6	4	4	48	8	Constant
8	8	8	96	12	Decreasing

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Table 7.5 Shape of Average Cost Curves in Canadian Manufacturing

Table 7.5 Shape of Average Cost Curves in Can	Shape of Average Cost Curves in Canadian Manufacturing				
Scale Economies	Share of Manufacturing Industries, %				
Economies of scale: initially downward-sloping AC	57				
Everywhere downward-sloping AC	18				
L-shaped AC (downward-sloping, then flat)	31				
U-shaped AC	8				
No economies of scale: flat AC	23				
Diseconomies of scale: upward-sloping AC	14				

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