Feb. 4/20

LCM = least common multiple

(a LCM(3.4) = 12 years

Example 7

Model A:

MHRR = 15%. Should have been given

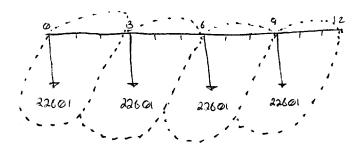
First eyele

PW(15%) = -12500 - 5000 (P/A, 15%, 3) + 2000 (P/F, 15%, 3)

PW(157.) = - 22601

AW(15%) = PW(AIP, 15%, 3)= -22601 (A/P, 15%, 3) = -9899

Now For LCM :



 $PW(15\%) = (-22601) - (22601)(P/F, 15\%, 3) - (22601)(P/F, 15\%, 6) \cdots - (22601)(P/F, 15\%, 3)$

PW (1511) = -53657

AW(15%) = -63657 (A/P, 15%, 12)

AW(157.) = -9899

Model B

First cycle

PW(157.) = -15000 - (+000 P/A, 157., 4) + (1500)(P/F, 157., 4)

PW (15%) = -25562

AW(15%) = -15562(AIP, 15%, 4)= -8954 - can't compare PW for different payment period lengths

$$PW(15\%) = -26562 - (95562)(P/F, 15\%, 4) - (35562)(P/F, 15\%, 8)$$

END OF PPT

- Start of Chapter 8

$$D_{n} = \frac{p-5}{N} = \frac{10000-2000}{5} = 1600$$

Book value at end period 4

BU4 = 3600

(n) Period	Bunn	Dn	BUL
1	10000	1500	5400
2	3400	1600	6860
3	6800	1600	5200
4	5200	1600	3660
6	3600	(800	1000

Example 4

DB

P = 10000

N: = 5 years

5 = 3277

Period	Bvin.	Da	BVn
1	10000	3000	8000
2	8000	1600	6400
3	6400	1350	5120
μ	5120	1024	4046
6	4096	छ।व	3377
	€		

d = (1/2) multiplier = (1/5)(1)

= 20%. (decrease Dn by 20% every period)

" Summary Version of Schedule 8 : Capital Cost Allowance Form "

- review all columns

heading is given, but not process

Column:		(2)	(3)	(3)	6		(8)	٩	(Z)	(13)
	Yeor	ucc Begin	Ace	Disp	uce	50%	Deq.	uce Rate	CCA	UCC End
	2006	Ø	50000	Ø	50000	25000	25000	25.1.	6250	43750
	2007	43750	Ø	0	43750	Ø	43750	25.1.	10 437.5	32 812 .5
	2008	32812.5	ø	0	32812.5	છ	32314.5	25%	8 203	2460 9
	2009	24609	0	0	24609	0	24609	25%.	6152	18962

Example 5

$$coi (7) = (3) - (5) = 50000 - (0) = 250000$$

CLASS - NOTES - 9:

Example 2

(First year) Net income :

Revenues:

63000

d: FF = 52000 - 20000

Expenses:

Cost of goods soid

20000

- 6000

- 6000

Oper . cost.

5000

21000

CCA

6000

Taxable income:

21000

40% × 21000

Taxes (40%):

8400

12600

Niet income: