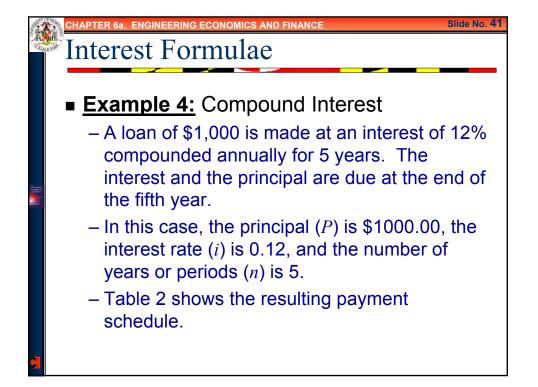
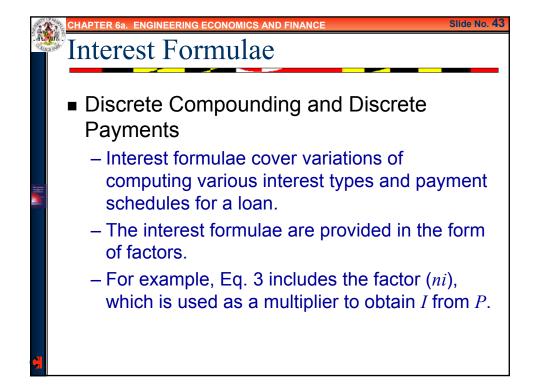
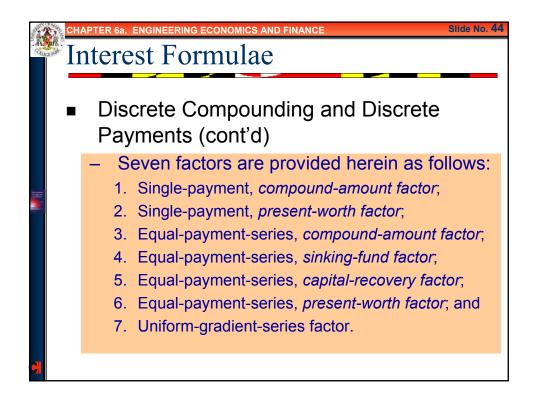


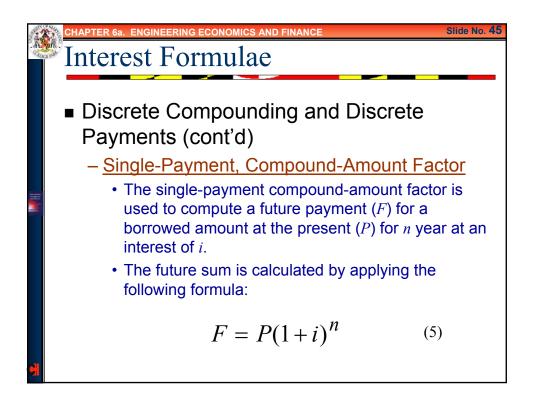
Street of	CHAPTER 6a. ENGINEERING ECONOMICS AND FINANCE Slide No. 40 Interest Formulae											
	■ E	Exam	ple 3 (cc	ont'd):		I = P	n i					
		Table 1	. Resulting Pa	Resulting Payment Schedule for Example 3								
11		Year	Amount at Start of Year (\$)	Interest at End of Year (\$)	Owed Amount at End of Year (\$)	Payment (\$)						
		1	1000.00	120.00	1120.00	120.00						
		2	1000.00	120.00	1120.00	120.00	1					
		3	1000.00	120.00	1120.00	120.00						
		4	1000.00	120.00	1120.00	120.00						
		5	1000.00	120.00	1120.00	1120.00						

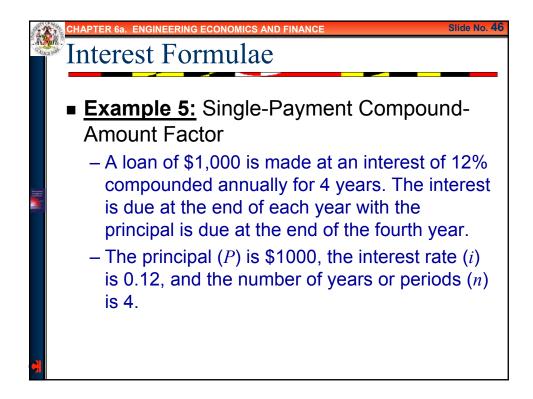


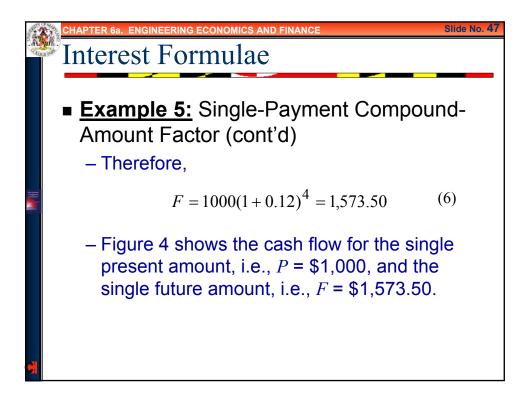
11	teres	t Form	ulae				
E	Evamr	nlo 1 (cor	st'd)∙				
C	_хаттр	ole 4 (cor	n u).				
Table 2. Resulting Payment Schedule for Example 4							
	Year	Amount at	Interest at	Or Example 4	Payment		
	1 cal	Start of Year	End of Year	at End of Year	(\$)		
		(\$)	(\$)	(\$)	(*)		
	1	1000.00	120.00	1120.00	0.00		
	2	1120.00	134.40	1254.40	0.00		
	3	1254.40	150.53	1404.93	0.00		
	4	1404.93	168.59	1573.52	0.00		
	5	1573.52	188.82	1762.34	1762.34		

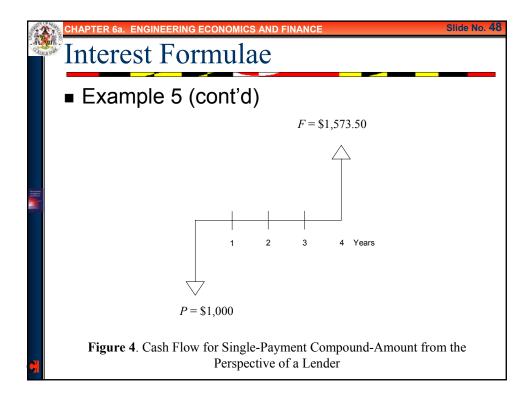


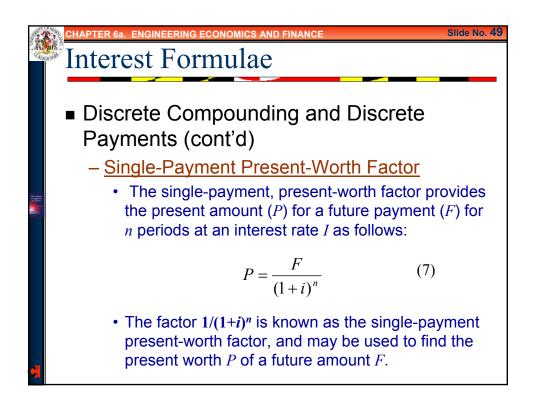


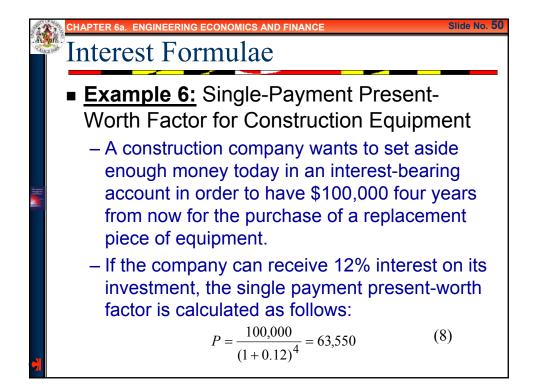


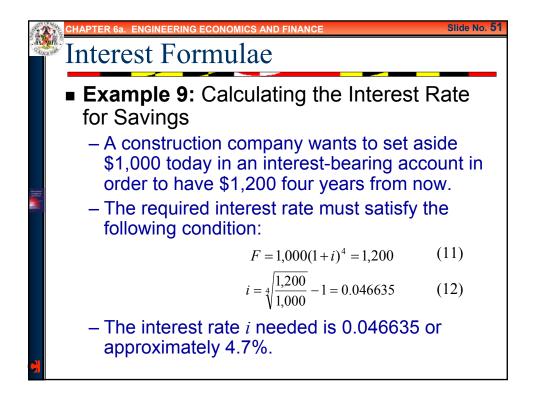


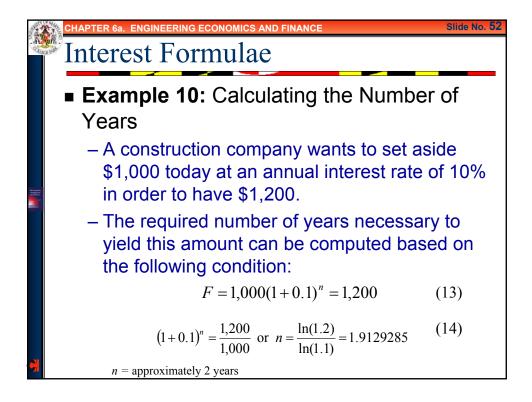


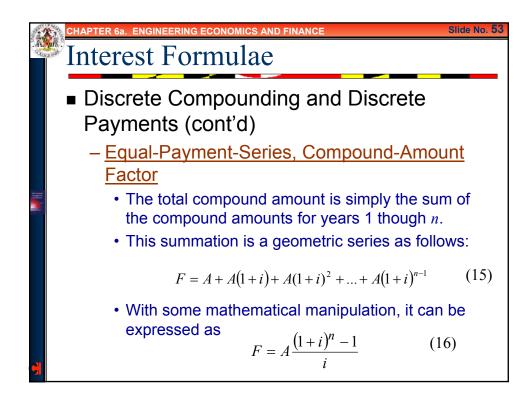


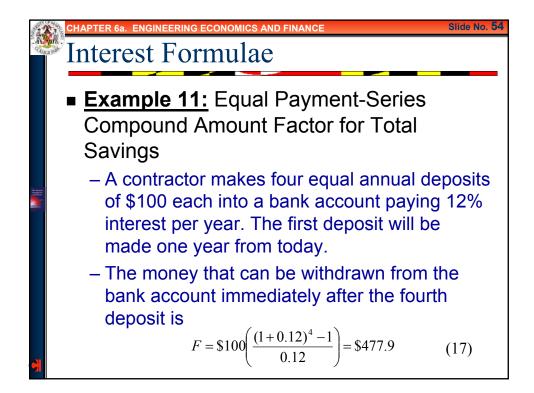


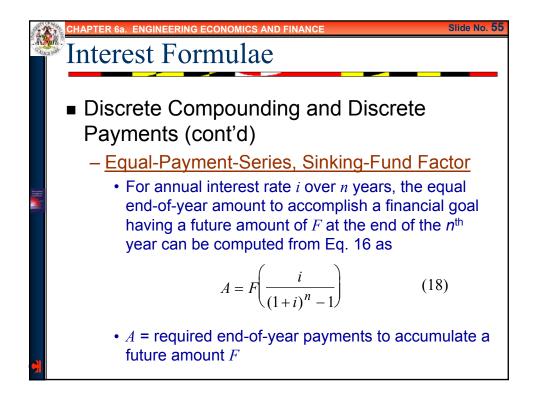


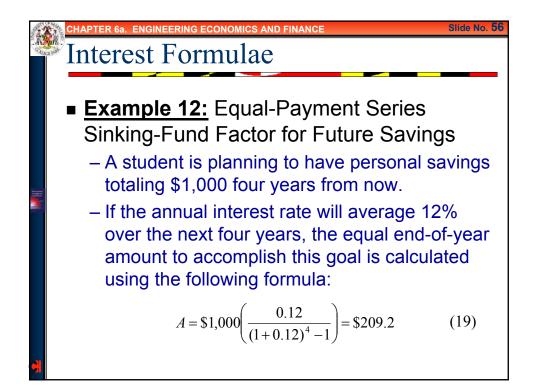


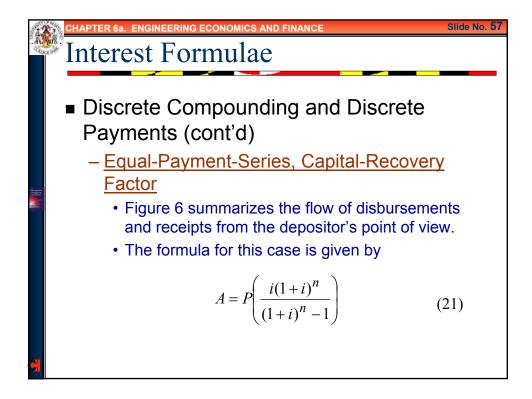


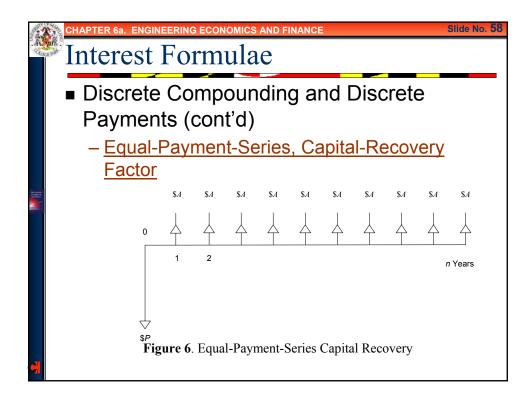


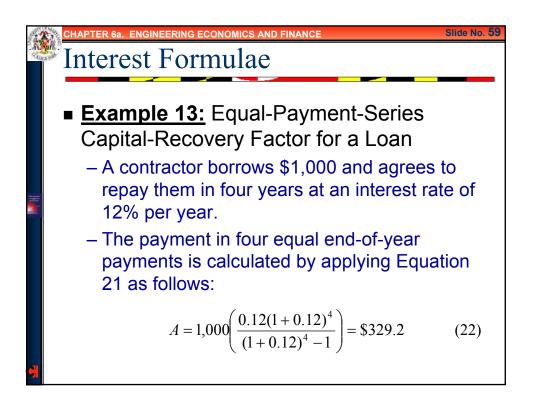


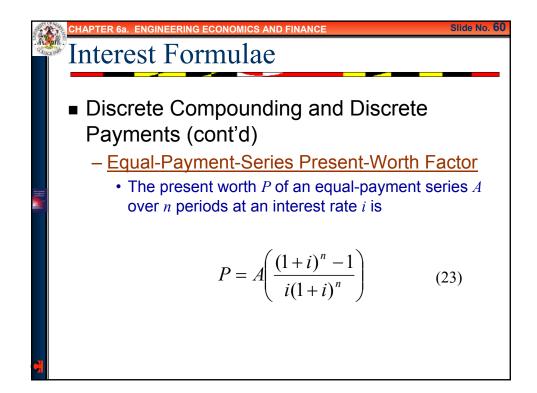


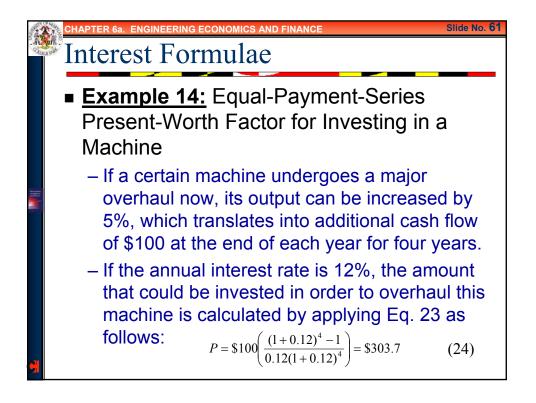


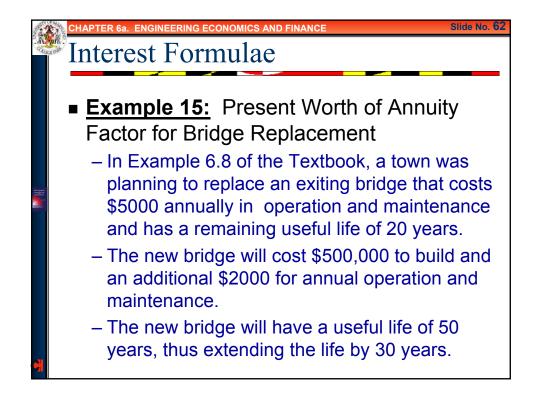


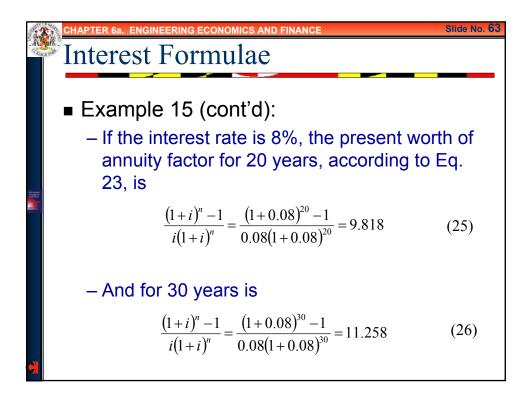


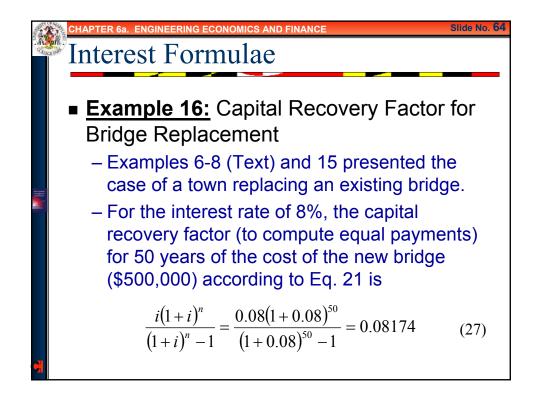


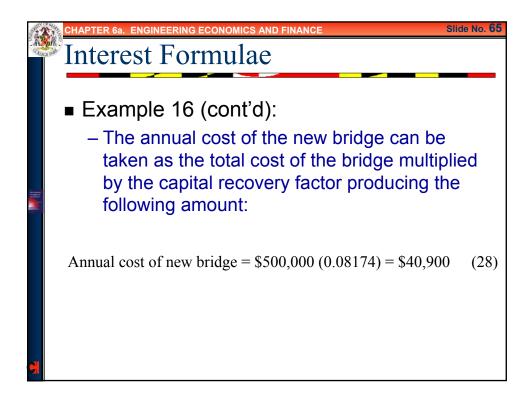


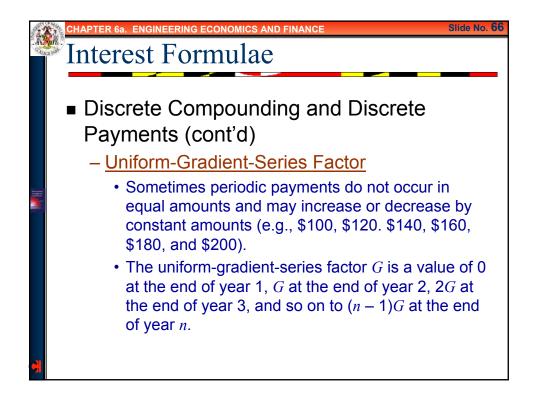


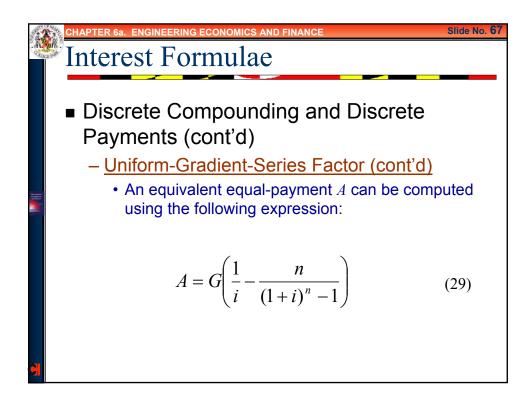


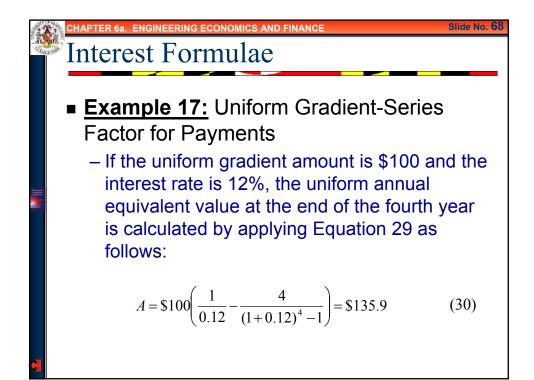


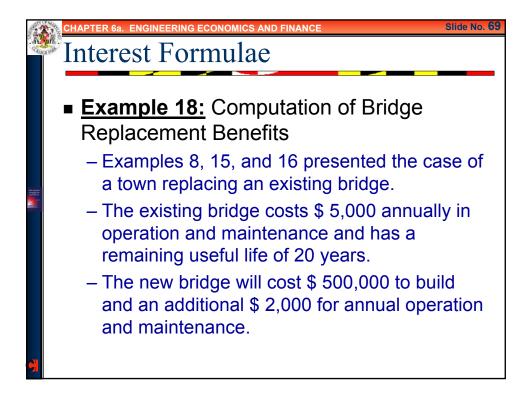


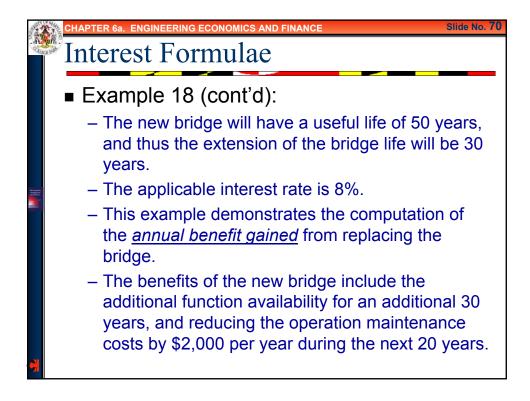


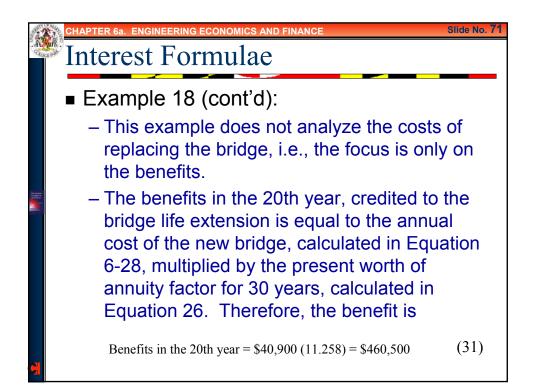


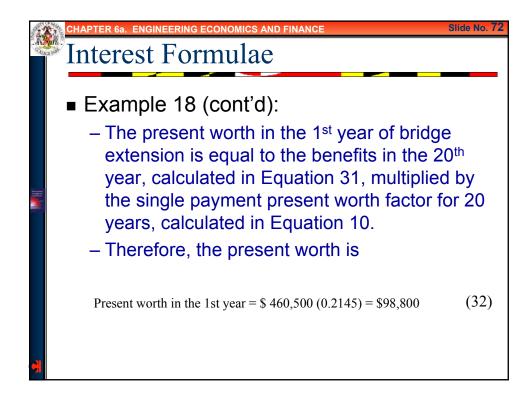


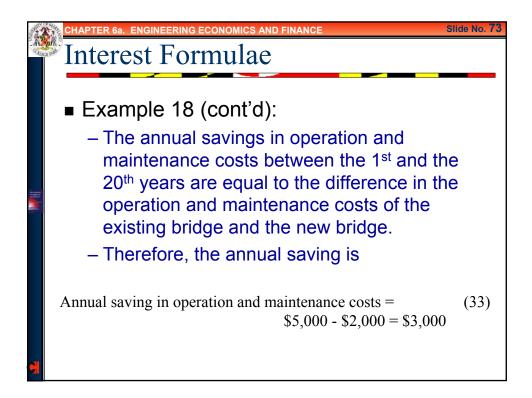


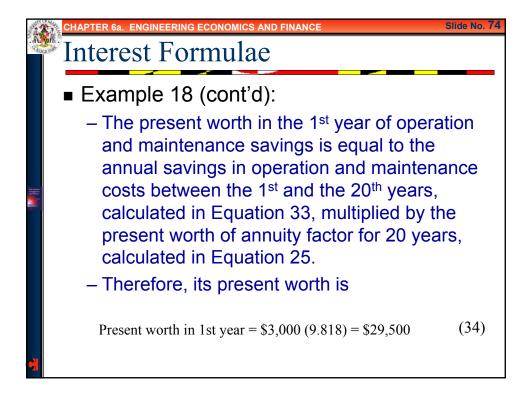


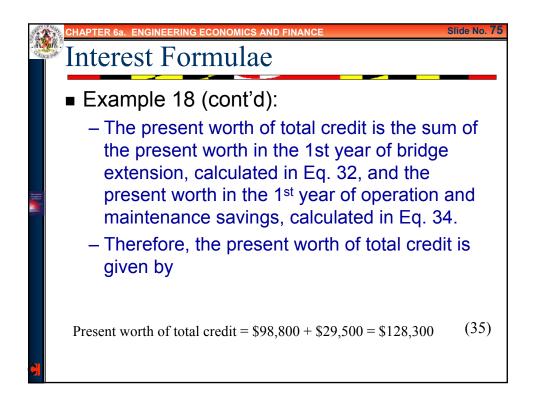


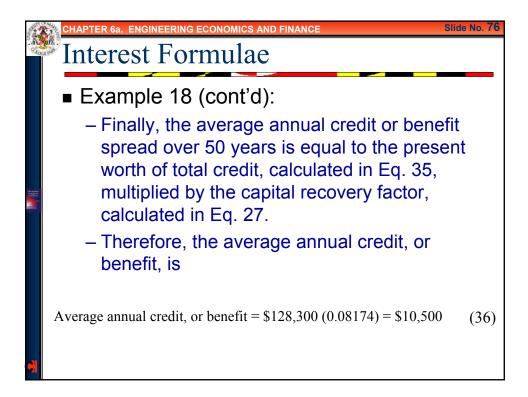


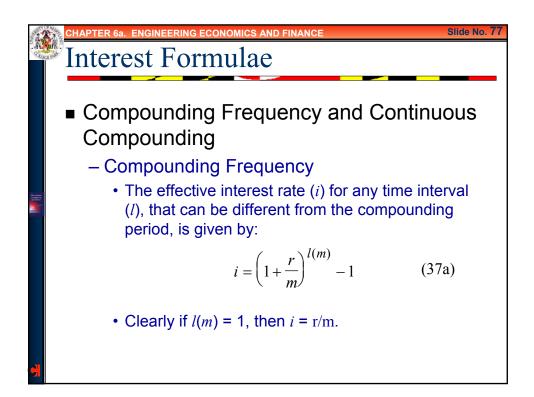


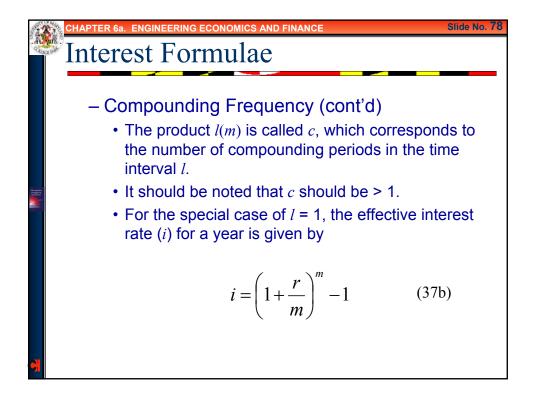


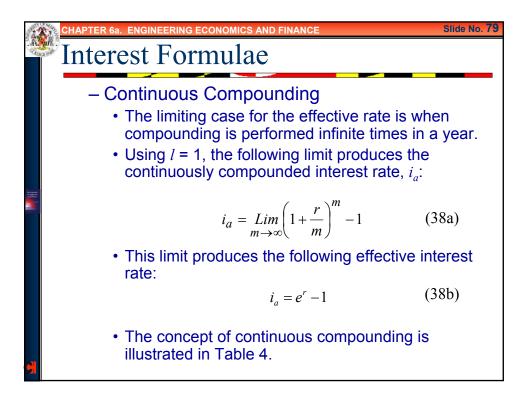












Slide No. 80

Interest Formulae

- Continuous Compounding (cont'd)

Table 4. Example Illustrating the Concept of Continuous Compounding

Compounding Frequency	Number of Periods	Effective Interest Rate per Period (%)	Effective Annual Interest Rate (%)
Annually	1.0	18	18
Semiannually	2.0	9	18.81
Quarterly	4.0	4.5	19.25186
Monthly	12.0	1.5	19.56182
Weekly	52.0	0.3462	19.68453
Daily	365.0	0.0493	19.71642
Continuously	×	0	19.72174