	0/61/10
	Lecture 10/02/23 + 10/04/27
	HWDve 21 22 23 24
	M W Fri Sin
ı	Quiz 5 On Friday
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	CRA Due Friday (If you have not done it, please do so now).
	do so now)
1	
	Deh/Formula: The amount, A(+), accumulated in an
	account bearing interest companded annually
	(once per year) is
	Coffee por gran
1	RODO
-	ROBE A(+)= P(1+r)*
	P = Principal (initial) amount invested
	r= effective annual interest rate
	t= time in years
-	(r=b-1) b=1+r = growth factor
	10000000000000000000000000000000000000
	Consequence (account to the large)
	Companding per year means ue apply interest
	Once per year.
	* Astornomorp & Breisk lankval interest
	2000 A
	THE TIME TELLED

W: #6 a16 A: 54,000 A: b=1+r=1.647=) r = 4.7% Companding h-times per year Camplying interest n-times per year. A(+)= P(1+5)" P = Principal (inihal) amount 0624 = r= naminal interest rate n= number of times the interest is companded t = time in years. Warning: If n = 1 nominal interest = affective annul interest. If n≠ Atminell interest & estective annual interest Naming It is \$ growth factor = b abt so no n by the t (1+ 15) = b (growth factor

Given a nominal interest rate r as and com Compounding n-times peryear

(A(+) = P(1+r)n+ effective annue interstrate = 1-(1+1 Caution: nomincul interest rate = effective annual interest rate if and only if n=1: Compand 1-time per year n=1 so e.a.i.r = |- (1+r) Problem 3 Mi. nominal = 0.13 = r (1+1) = or 1-(1+0.13) = 6.13 $\left(1+\frac{r}{12}\right)^{12}=1-\left(1+\frac{0.13}{12}\right)^{12}$ + 365 365 (1 + 0.13) 24.365

	Work on: \$,2,4,5,7
	5min 15min
	will continue tomorraw!
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