	Exam 3 on M4
	Instruction: 1 studied module 4 and promise to follow all
indiana jirahin oo iyan jaan karabi maassaad jada kusuun oo karaan oo karaan oo karaa ka saa ka saa ka saa ka s	
	of these instructions for this exam. 1. $(a^m)^n = a^{mn}$ $a^m \cdot a^n = a^{m+n}$ $\frac{a^m}{a^n} = a^{m-n}$
	2. company A Company B
	Starting salary: \$65,000 Starting salary: \$55,000
	yearly raise: \$ 2100 yearly raise: 4.4%
•	equation: 55,000 + 2100t equation: 55,000 (1+0.044)
	3. Invest -> 6.4%. APR compounded weekly
	wants \$12,000 after 4 years
	7. \$1000 in 10 years 14 11/12 and the
	a) # 1 14% interest each year b) # 2 13.5%. Interest per year companded monthly
	1.000((1.14)
	4 = 4 (1 + n)nt
	4 3707.2213 By 1000 (1+13.5)12t
	0.13.152 Der year, compounded weckly 151000 (1+0.1125)120
	$1000 \left(1 + \frac{1}{52} \right)^{3}$
	L 1000 (1.0025)520
alle agraphic times on a transcription of the control of the contr	6. log 2 (20x2) Product Property
	a) log 2 (2x) + log 2 (10x) -> log 2 (20x2) log b(x) + log b(y) = log b(xy)
	b) log2 (x2) log2 (20) -
	0) log2(20) + log2(x2) -> log2(20x2)
	d) $\log_2(2) + \log_2(10x^2) \rightarrow \log_2(20x^2)$
	e) log 2 (x2) + 20 ->
	f) log 2 (2x2) + log 2 (10) -> log 2 (20x2)
	8. Gregory, body -> 12.5-1. per nour
	a-98 in 1/2 100-12.5
	109(12)/109(0.875)
	a. (0,2.6) (1,4.68) (0,2341) (1,1755.75)
king given meg in manular meninda dipulapan menenda nigar pengan pengan dibungan menundi sebagai se	0 1 1.8
	26 4.69 2341 1755.75
and the second s	10. (1,14) (2,24.5)
6	1 2 1-75
8	14 24-5
$e_{i_1,i_2,i_3} = e_{i_1,i_2,i_3} e_{i_1,i_2,i_3} e_{i_1,i_2,i_3} e_{i_1,i_2,i_3} e_{i_1,i_2,i_3} e_{i_2,i_3} e_{i_3,i_3} e_{i_1,i_2,i_3} e_$	