		a) sequence: "a list of numbers written in a definite order" for every positive integer in there is a correspondly number in
		b) lim a=8: as n becomes large, a approaches 8
	The state of the s	c) continues to graw unbounded
N'Mayor vy		2 3 4 5
	3)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	5)	n 1 2 3 4 5
		a = (-1) 1/5 -1/25 1/25 1/55
	9)	
		a: 5a-3 1 2 7 32 157
***************************************	(1)	a. a2 a3 a4 a5
		Q = 2/3 = 2/3 = 2/3 = 2/4 = 2/
		Net .
	12)	
		$\{a, a, a, a, a, \dots\}$ $(-1)(\frac{2}{3})(\frac{2}{3})(\frac{2}{3})$
		ラ·ラ·ラ·ラ - ラ・ラ - ラ - ラ - ラ - ラ - ラ - ラ - ラ - ラ
		5 = (z)(8) z(·\x27) 27 ·
Lik. V Agentus Like State Stat	28)	$\lim_{n\to\infty} \left(\frac{3^{n}}{5^{n}}\right) = \lim_{n\to\infty} \left(\frac{3^{n}}{5^{n}}\right) = \lim_{n\to\infty} 9\left(\frac{3}{5}\right) = 0 r = \frac{3}{5} < 1 \text{if converget}$
		1 n 2000
	65)	
de acamenana and account		a: 1000(1.06) 1060 1123.60 1191.02 1262,48 1338.23 divergent
	6 7)	P ₀ P ₁ P ₂ P ₃ P ₄ P ₅ P ₆
		P: 1.08P ,-300 5000 5100 5208 5324, 5450 5586 5733

67)	30 = +P(.08) - H H=300
	JE = +P(.08) - H H=300
	8P-100H dP = 100 dt
	$\frac{1}{8}\ln 8P-100H = \frac{t}{100} + C$
	1. 18P-10041- 2t +C
	18P-100H = C3 e25
A A PROPERTY AND A	18P-100H = Cye 8P-100H = Cye
	P(+)= 8(Cye2+100H)
	P(6)=5000= = (C4 + (300)(100))
	C, = 10000
WI. ORDANIA MARKET	P(t) = = (10000 e = + 30000)
	P(t)= 1250(e ²⁵ + 3)
	P(0): 1250(E 3)
	P(6): 1250(e ¹⁴ 25 + 3): 5770
	1107-1230/6 +3)+31-0
	5770 21.006 - with 17.
	7 7 9 2