ü) Ro	tio	tot	rend	met	hod!	Un)	VOI	CUON		
ii) Ratio to trend method.										
Year	01	102	03	041	7 1			1=0,+02+		
1987	30	140	36	34		140		603 100		
88	34	52	50	44	cal	180)			
89	40	58	54	48	curate.	200)			
90	154	76	68	62		260				
91	80	92	86	82.		340)	V I		
1 18 = 56 1126 - 6 100 C + dello 60 - 8 1 1										
-	Quaterly Avg									
= 140			A lar	Year J.	Konga)	11/11/11	1			
= 180/4 = 45										
= 200/4 = 50										
= 260/4 = 65										
= 341	014 =	85.	1/1999	THE !						
Now your Q is										
			1	Year	J	X	10000			
				1987	35	-2	100			
				1988	Y5	-1	-	-table I		
				1989	50	0		Pre l		
Not	hina	,		1990	65	1				
Nothing's				1991	80	2				

ton for

now for table I calculate
V+ = a+bt where
5 y=110102 x
-TYt=56+12+ Exy=08x+68x2
1 X(1 = 1) 10 (1 0 = 10)
120 = (56)(0)+bx10 {1b=12
· 62060.
: 7 = 56+121-1> trend equation
5 32 12 > trend value
CCV
68 12 b=12 = yearly
1 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
$\frac{1}{\sqrt{300}} \cdot \frac{1}{\sqrt{3000}} = 12 = 3$
increment 4
strough represent
exteguatory any of
each year.

ø

(31) (alculate quaterly trend values

Year	01	025/1503	041	since quaterly				
1989	27.5	30.5 = 33.5	36.5	increment = 3				
		42-544 45-5		=) 02=01+3				
1989		54.5 \$ 57.5						
1990	The second secon	66.5 69.5	THE RESERVE OF THE PARTY OF THE					
1991	The second of th	78.5 \$ 81.5	STATE OF THE OWNER, TH					

(92) Calculto values as % of quaterly trend values.

Year Y 02 30/275 RIO 4030.5100 36/33:5×100 34/36.5100 86.1 122.4 109.9 79.3 93.9 106.4 114.3 85.5 8-FP PET 85 105.5 1-411 106 = 463.9 = 514.6 70-191 = 445.6 = 591.3 aug Nothing's = 92-78 =118.76 -89012. = 162.92 too far

General = 463.9 + 591.3 + 514.6 + 445.6 100.77 Now represent quaterry values 09 / = seasonal indices 02 =92-78 = 118-26 = 102-92 = 89-12 se090101 100.77 100.77 100.77 100.77 indices ×100 ×100 x 100 7100