		NAN	/IE				DATE		_ PERIOD
Ch	apter 11	Chapter 11, Quiz C (Lessons 11-5 ar						nd 11-6)	
For Exercises 1-5, round your answers to the nearest thousandth.									
1.	<b>1.</b> Find the value of $\log_4 23.9$ using the change of base formula								
2.	Solve $5^{x+2}$	= 87 ı	using (	commo	on loga	arithms.		2	
<b>3.</b> Given that $\log 4 = 0.6021$ , evaluate $\log 40,000$ .								3	
<b>4.</b> Convert log <sub>7</sub> 235 to a natural logarithm and evaluate.								4	
5.	5. Evaluate $\ln \frac{1}{0.45}$ .							5	
Ch	apter	NAM CI	nap	ter 1	I1, Ç	Uiz D (L	DATE		PERIOD
Fin at :	d the amo the given i	ount of rate if	f time intere	requi est is d	red fo compo	r an investi ounded con	nent to double tinuously.		
1.	9.5%							1	
2.	<b>2.</b> 5.0%								
3.	<b>. <i>Population</i></b> The table shows the population for a given urban area.								
	Year	1900	1910	1920	1930	1940			
	Population (thousands)	30	58	120	220	455			
	Let x be th	e num	ber of	years ls. Lin	since earize	1900 and le the data a	et y be the nd find a		